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ABSTRACT

In order to ascertain the educational needs and interests of Central Pennsylvania residents, samples of three populations were surveyed: high school students, adults, and employers. This volume, the second of two volumes reporting this research, contains detailed breakdowns of the statistical data for the student and adult surveys, which are presented in aggregate in Volume I. Questionnaire responses of the samples and projections to the entire populations are presented for each of the three Area Vocational Technical Schools included in the survey, for the feeder high schools to each Area Vocational Technical School, and in combined form. Responses and projections from the survey of adults are presented for three of six subgroups by locale: Harrisburg, Carlisle, and Derry Township. (RT)

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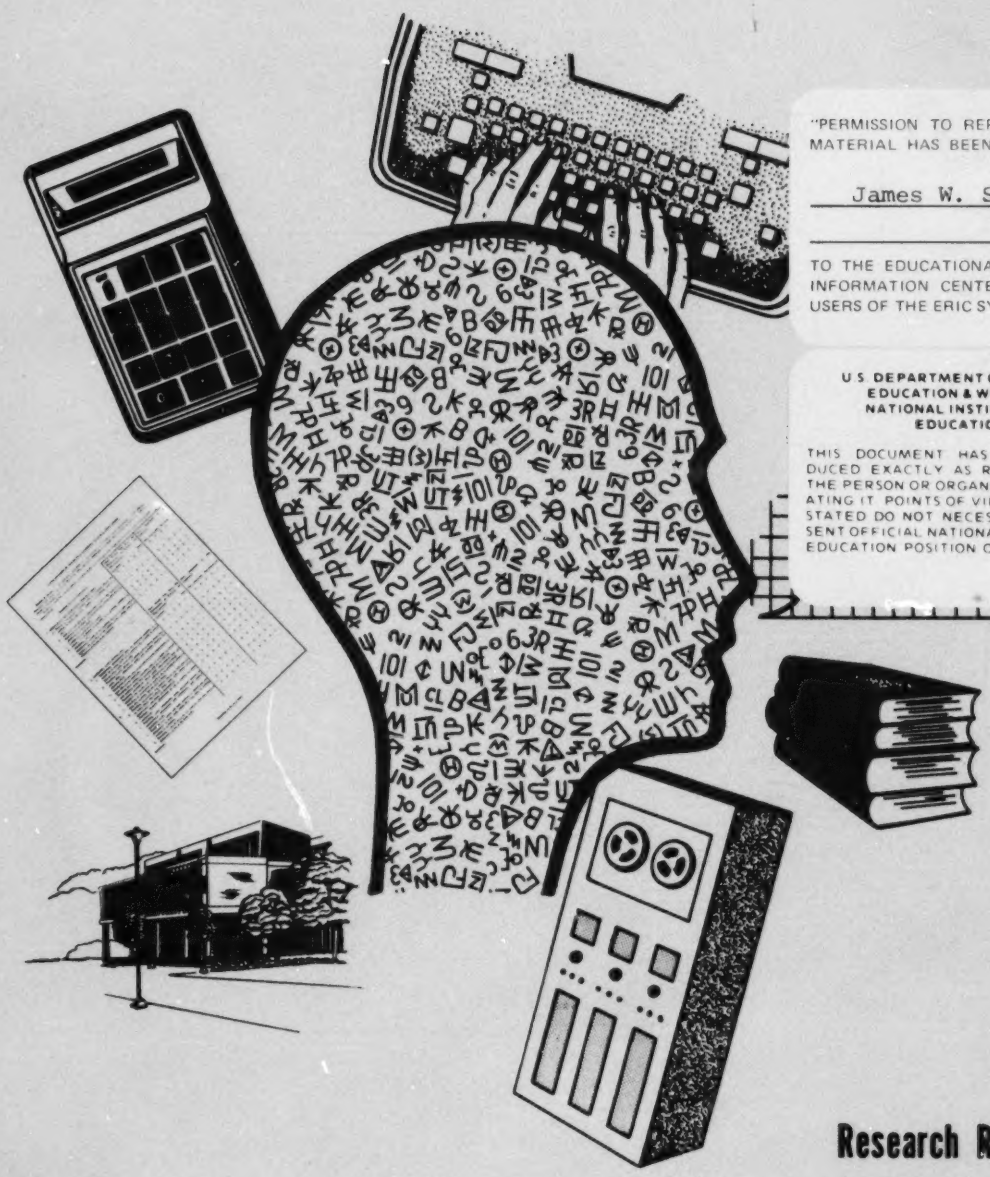
# COMMUNITY EDUCATIONAL NEEDS ASSESSMENT

## CAPITAL REGION OF PENNSYLVANIA

**Volume II**



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**Research Report 15**

JC 780 007

HARRISBURG AREA COMMUNITY COLLEGE
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# Community Educational Needs Assessment:
# The Capital Region of Pennsylvania
# Volume II

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## INTRODUCTION

Volume I of this research study was for general use by educators within the Capital Region and other professionals at institutions across the Commonwealth and nation. Volume II presents data organized for rather specific local groups. Therefore, a limited number of copies are available, and it is assumed that the data will be used in consultation with the Office of Research & Planning.

The data are organized by each area vocational-technical school (AVTS); feeder high schools to each AVTS; East Shore high school and AVTS data, combined; West Shore high school and AVTS data, combined; a single high school where the pilot survey was conducted on the total enrollment (Hershey High School); and, finally, three adult sub-groups by location--Harrisburg, Carlisle and Derry Township.

The procedures for collecting these data and the methods of inference are identical to those in Volume I. One point should be made, however. As the data are organized by smaller groups, they have less reliability and validity. This is especially true of the data that come from the feeder high schools to the AVTS's. The other breakouts in this section are sufficiently large to permit reasonable inferences.

## ANALYSIS OF DATA

The analysis of data for this volume will be brief. Those institutions participating in the study that desire more thorough interpretation of the data are welcome to contact the Director of Research & Planning at the Community College.

### Area Vocational-Technical Schools

The data in this section reflect directly on each area vocational-technical school. Inferences simply describe the nature of the respective AVTS populations. The results have implications for planning programs, and the data should be reviewed carefully.

Harrisburg/Steelton-Highspire AVTS (Tables F-1 to F-12)

A few points are worthy of consideration. First of all, it is obvious that the twelfth graders were not sampled to the same extent as were the tenth and eleventh graders. This would lead to an underestimate of the responses at the twelfth grade level, in light of the fact that no scaling factors were used. This underestimate would have little impact in the total picture of the Tri-County data, but it does limit the interpretation of the data for this school.

Students at the Harrisburg/Steelton-Highspire AVTS listed financial problems as a primary reason for not continuing their education within a year after graduation. The three factors relating to finances all ranked in the top three.

The students from Harrisburg/Steelton-Highspire AVTS appeared to be slightly less interested in postsecondary education than were the students in the other AVTS's. A large number of the students in the postsecondary nursing program did plan to continue their education and indicated a desire to pursue the RN program eventually. Of course, this would have implications for the career ladder concept and the many factors that impinge upon it.

An important point in postsecondary planning is the concentration of interest in particular programs. As has been pointed out, the response from the twelfth graders was less than what was desired, but even looking at tenth and eleventh graders, there was relatively little concentration of interest in any one area, with the exception of auto mechanics and cosmetology. The concentrations at the other AVTS's were considerably higher. Again, this has implications for the location of programs.

Dauphin County AVTS (Tables F-13 to F-24)

The response rate across grade levels was fairly consistent at Dauphin County AVTS. Over 100 of the 12th graders planned some type of postsecondary training, with most of it at the vocational/business school or the 2-year college level.

As was the case with the other AVTS students, most planned to stay within commuting distance of their present home. These students also felt that financial concerns would act as an impediment to continuing their education immediately after high school. The same three reasons ranked in the top three.

Twenty-two of the twelfth graders planned to attend H.A.C.C., and two planned to attend Williamsport Area Community College. These numbers have

implications for joint planning efforts. The only concentration in a post-high school educational program was in auto mechanics. If auto service specialists and auto body repair programs are included with this program, the result is a fair concentration of interests in the postsecondary program. The demand for a program combining construction, maintenance and carpentry ranked second in the number of students who were interested. However, the interest in each of these programs was not strong enough to support one of them on its own.

Cumberland/Perry AVTS (Tables F-25 to F-36)

The responses of the Cumberland/Perry students were more consistent across the three grade levels than were the responses at the other AVTS's. Unlike the procedure used at the other AVTS's however, these responses were projected.

Approximately 100 12th grade students planned some type of postsecondary education. The majority intended to stay within commuting distance of their present home.

Financial considerations accounted for the most important reasons why students would not go directly to college after high school.

Twenty-two of the twelfth graders planned to attend H.A.C.C., and six planned to attend Williamsport Area Community College. Auto mechanics, including auto body repair, showed the highest concentration of interested students. Carpentry, while ranked second, did not show a strong enough demand to support a post-secondary program with just these students. One should also note the concentrated interests in postsecondary education in police science and law enforcement. This has implications for articulation between the AVTS and the College.

Summary

There was a consistent interest in postsecondary education in each AVTS. These students gain solid vocational skills in the AVTS, yet they wish to pursue their education further. The responses from the AVTS's alone, do not show a large enough demand to justify any particular postsecondary program, with the possible exception of further study in the automotive-diesel mechanics area. The interest of the other high school students is required to have a large enough demand to justify additional programs.

## Feeder High Schools to the Area Vocational-Technical Schools

### Harrisburg/Steelton-Highspire AVTS Feeder High Schools (Tables G-1 to G-12)

The size of the sample from the feeder high schools to the Harrisburg/Steelton-Highspire AVTS is rather low, and these data are not reliable in and of themselves. This is no reflection on the individual institutions, but simply reflects the size of the sample and the response rates. Brief comments will be made with strong reservations about using these data alone for any particular planning purpose.

The feeder high schools have more than 250 12th grade students interested in some type of postsecondary education, and the majority of them intended to stay within commuting distance of their home. Financial concerns ranked among the top three factors impeding students' attending college the year after high school.

Forty-one twelfth grade students planned to attend H.A.C.C. This number is an underestimate, which is not surprising in light of the error with a sample of this size. An important factor from this data is the lack of strong concentration in any one area for a post-secondary educational program. This type of response does not support the location of programs at this facility, although the staff at this institution, certainly, may be involved in planning any postsecondary program.

### Dauphin County AVTS Feeder High Schools (Tables G-13 to G-24)

The response from the feeder high schools to Dauphin County AVTS reflected the larger population which was surveyed. In addition, the response rate at these schools was good. Samples of this size still have a fair sampling error on an individual grade level.

More than 1,000 12th grade students planned to obtain some type of postsecondary training, and most planned to stay within commuting distance of their present home. As usual, the three financial concerns ranked as the most important reasons for not continuing education immediately after high school.

Four hundred and sixty-eight twelfth grade students planned to attend H.A.C.C., and fourteen planned to attend Williamsport Area Community College. Most planned to go to school immediately after high school. The numbers in this population are considerably larger when one reviews the post-high school education program. The general interest

in auto mechanics declined over the tenth through twelfth grades unless the twelfth grade data happened to be a chance drop in interests. The interest in building construction/carpentry was not that strong, either. On the other hand, interest in traditional college majors, secretarial science and nursing was substantive. Across all of the programs there was considerable interest in post-secondary education.

Cumberland/Perry AVTS Feeder High Schools (Tables G-25 to G-36)

The Cumberland/Perry AVTS feeder high school sample was large in each grade level, which permits the strongest inferences from any of the data in this section. More than 2,000 12th grade students planned some type of postsecondary educational activity. The majority planned to stay within commuting distance of their present home. As usual, the three financial factors were major concerns of those who did not plan to continue their education immediately after high school.

Three hundred and twenty-eight 12th graders planned to attend H.A.C.C., and 55 planned to attend Williamsport Area Community College. Most of these students planned to go to school immediately after high school. There were several individual postsecondary programs with strong interest. This group has the strongest interest in a postsecondary automotive-diesel program. Relatively strong interest also appeared in carpentry as well as several other areas including business technologies, and police science. These figures demand considerable review by those individuals concerned with joint planning for the AVTS and the Community College.

Summary

With the data broken out by feeder high schools, implications for the location of joint postsecondary programs become apparent. It must be noted that these data are only one factor, although an important one, in planning these programs. Staff availability, site availability, and adult/community interests all play critical roles in arriving at final decisions on program time and location.

East and West Shore
High Schools and AVTS's Combined

The breakdown of the data by the East Shore and West Shore has implications for locating courses. It should be noted here that the data

also were organized by East Shore high schools, alone, and West Shore high schools, alone. They were excluded from this volume because they have less utility, and because the author tried to keep the size of this volume manageable. Those institutions who aided in this study and who would be interested in the data are more than welcome to request a copy.

This organization of data is crucial to suggesting locations for offering new programs. It can increase the probability of success of those programs by making them immediately accessible to the most students interested. It also has implications for locating courses to make them as accessible as possible to the residents of the region.

The breakouts that follow are similar to the combined Tri-County High School and AVTS tables in Volume I, with a limited number of key tables.

East Shore (Tables H-1 to H-6)

The data combined for East Shore high schools and the two East Shore AVTS's provided more reliable information than the data on feeder high schools or each AVTS alone. There were approximately 2,000 12th grade students interested in some type of postsecondary education. Once again, the majority of twelfth graders would go to school immediately after high school. Some of the problems of low sample data are overcome with these concentrations. But one must keep in mind these are still relative underestimates. The case for a post-secondary automotive-diesel program is somewhat stronger, as is carpentry, but (using the sole criterion of the number of eleventh or twelfth graders interested in such a program) numbers are not as strong as for a West Shore location.

West Shore (Tables H-7 to H-12)

The West Shore high schools combined with the Cumberland/Perry AVTS data covered a broader area than the feeder high schools to the AVTS. It showed the extent of increased demand by going beyond the feeder institutions and including students from those high schools who were already attending the AVTS. There were more than 2,500 students in the 12th grade who planned to obtain some type of postsecondary education, and the majority planned to obtain this immediately after high school.

The key data relate to post high school educational program. The concentrations within programs become stronger, especially in areas of automotive-diesel technology and carpentry as well as accounting, secretarial science, nursing, and traditional college majors. There is a good probability of success if the automotive-diesel technology and carpentry programs are offered within the region on a postsecondary level.

The staff of the AVTS's and the College should review the interests in light of the programs that are already functioning in the region at a postsecondary level. In addition, there were some interests that were relatively high, such as in forest technology. This is a costly program and is available at the Williamsport Area Community College. Programs such as this were not given serious consideration at this time because of cost and low probability of employment.

## Hershey High School
## (Tables I-1 to I-12)

Officials of the Hershey High School requested that its entire population be given the opportunity to respond to the student survey. There was some under-representation of the senior class, because, on the day on which the survey was administered, there was a conflict with a senior activity which drew some of the students away from the institution. On the whole, however, the data are quite good.

It may be noted here that the school officials requested that a rider be attached to the survey instrument for the District's own planning purposes. This information was shared exclusively with the Superintendent of Schools and the Coordinator of Long-Range Planning.

Because Hershey High School was a pilot institution, school officials had the opportunity to obtain all of the general data from the survey and specific information needs, all of which have lead to further study by the district. The general data are included to give other institutions the opportunity to assess how useful such a procedure might be to them, assuming such a study is replicated in the future.

Approximately 150 students in the 12th grade planned some type of postsecondary education. A slight majority of the students in this school district who had plans for the first year after high school assumed

these plans would be within commuting distance of their present home. This is a lower percentage than in most of the other groups. The three financial concerns that led students in other schools to believe that they would not attend school immediately after high school ranked first, second and third, although the third ranking was very close to the fourth and fifth rankings. Forty-three twelfth graders planned to attend H.A.C.C., and one planned to attend Williamsport Area Community College. According to these data, the Community College is still receiving more Hershey High School seniors than any other segment of postsecondary education at the State level (i.e., the State Colleges, State-related universities, private two-year colleges, private four-year colleges, or the proprietary schools). Most students planned to attend immediately after high school. The relatively strong concentrations for postsecondary educational programs are in the traditional college majors.

The data present an interesting picture which, hopefully, will help in understanding the nature of the student body. The data from the school district's own survey instrument did give rather specific feedback on several very relevant questions.

## Adult Subpopulations

A sample of 500 adults was taken in three individual municipalities. The primary reason for these concentrated samples was, quite obviously, to insure results which would permit reliable extrapolations on the individual municipalities.

The survey of the City of Harrisburg, in which the College is located, may be cause for question by some readers. This was done to insure that the College was knowledgeable of the interests of the adult population in the City so as not to overlook the population by taking it for granted. Secondly, based on information from other surveys, a relatively low response rate was anticipated from City residents. This anticipation came true; the City did, indeed, have the lowest response rate among all the segments of the adult survey (see Figure 4, Volume I). Even with the low response rate, however, the size of the response does permit inferences with some justification.

Carlisle and Derry Township are on the periphery of the College's sponsoring area and are population concentrations in and of themselves. The College has offered courses in each of these municipalities on a

limited basis. Substantive data to support specific offerings would help to make the operation more efficient. It also might provide a basis for expanded services, not only to individuals on the periphery of the College's service area, but also for individuals in non-sponsoring districts adjacent to these municipalities.

City of Harrisburg (Tables J-1 to J-16)

Harrisburg residents' responses to questions about adult classes showed considerable demand in certain areas. These should be reviewed by the school district with input from officials of the Harrisburg/ Steelton-Highspire AVTS. The Community Resources Institute of the College may also respond in conjunction with other agencies in the region. In reviewing these data, one must keep in mind that there are service agencies which offer adult classes, and many of them are located within the City of Harrisburg. These data constitute a gross demand, not the net demand for any particular agency or institution.

For those adult residents interested in a college credit program, the business area is strong, especially accounting and business management programs. Interest in the social sciences is strong and, to a lesser extent, police science and the natural sciences.

The major reason why adults in Harrisburg do not take additional education is that they believe they could not afford it. Not having time because of employment and judging themselves as being too old were also major reasons. The City of Harrisburg does have a relatively large percentage of its population in upper age groups, and this, no doubt, explains one reason. Each of these reasons is one to which educational agencies can respond, to some degree.

Comparing the programs in which individuals were currently enrolled with those programs they would like to enter showed considerable disparity. This disparity documents the unmet demand for postsecondary education.

The preferred schedule for classes by Harrisburg adults was similar to preferences of the entire Tri-County population. Late morning, early evening, and evening were the prime times. Friday evening classes were in relatively high demand, as were late morning Saturday classes. Early afternoon classes showed a bit more strength across the board than for most groups. This may be related to the proximity of the College to the residents of the City. Adults, especially women, could take early afternoon classes and still be home before their children returned from school.

The distribution of responses with regard to location of classes is different from responses of the general Tri-County population. Not surprisingly, the H.A.C.C. campus makes, by far, the strongest showing of any of the locations.

In terms of the format of semester length courses, the relative ratings of the options was identical with the Tri-County population as a whole. There was less of a difference in terms of the proportion of individuals interested in each possibility. The relative interest in concentrated courses and short courses also was similar to the entire Tri-County population.

Interest in additional education compared to the amount of education completed showed that a number of adults would like to complete a postsecondary program of some type, although many individuals were not sure.

One-third of the respondents identified an occupation which they would like to enter. The blanks in response to the question may be individuals who had no occupation, or many who would simply like to advance in their current occupation rather than change occupations.

Child care services were important to a comparatively small number of the respondents. Nevertheless, the number is important. There is a paradox in the response to this question, not only in this group but in all adult groups. Many of the adults' class options were for courses in the evening, but it is in the evening that offering child care services may be the most difficult.

A number of individuals showed interest in both the television courses and the individualized contracted courses. As was the case with the general population, these two options demand considerable study prior to implementation.

Borough of Carlisle (Tables J-1, J-17 to J-31)

In reviewing the Carlisle data, it must be kept in mind that the population of Carlisle is considerably smaller than that of the City of Harrisburg. Therefore, the numbers would not be as great in many instances. It is the relative size of interest that is often most helpful in interpreting data and planning the programs.

Despite the relatively low number of adult residents, there was a rather strong interest in adult classes in several areas. The Carlisle School District has a rather active program of adult education, and this should be kept in mind if any other agency considers offering courses based on these data.

Business, including accounting and business management, was a strong area of interest for college credit programs. Social sciences was relatively strong as well. However, as the total numbers are relatively small, it would be difficult to offer some programs.

As was the case with the City of Harrisburg the three most important reasons for not continuing education (in different order) included: "No time because of employment," "Can't afford," and "I am too old." Once again, these are items to which educational institutions can respond in some degree.

Carlisle is the only subgroup broken out where the Community College was not the single largest provider of postsecondary education. Nearby Shippensburg State College is the largest, although enrollments in Shippensburg, H.A.C.C. and Dickinson College within the borough, are all around the same figure. In light of the proximity of Dickinson and Shippensburg, the results were not considered surprising.

A question which will demand considerable review is whether there was enough demand to justify additional course offerings by H.A.C.C. in the Carlisle area. A key factor in these considerations is that many individuals say they cannot afford taking additional education. H.A.C.C. is the least expensive form of postsecondary education for the residents living in a school district which sponsors the Community College.

Most of the individuals enrolled in a program in 1976 were enrolled in a social sciences major. The number enrolled in the non-social science areas was relatively low. There is a disparity between the number enrolled in accounting and those who would like to take this program, i.e. the demand apparently is not being met. The net difference may support additional offerings.

The pattern of preferred class schedule by Carlisle adults was somewhat different than for other Tri-County residents. The basic pattern was followed to some extent--interest in the late morning, early evening and evening. But, by far, the strongest interest was in the evening, on weekdays. Interest in Saturday classes barely existed, and Friday evening was not strong either. At this point, a Weekend College would not likely include off-campus courses in the Carlisle area.

The greatest interest in location was in the public school buildings of Carlisle. This may reflect two phenomena: the fact that public schools are quite involved in adult education, and the distance between

Carlisle and the Community College. The College and the Carlisle School District might work more closely to meet the needs of those residents who would like to take additional courses via the public schools.

The pattern of interest in course format is similar to the Tri-County as a whole. It may be noted that meeting three times a week for semester-length courses received very little interest. The once-a-week or twice-a-week offerings were relatively strong.

The majority of residents who responded had completed high school or had taken some postsecondary education. There were a number of individuals who desired a two-year degree, although many simply did not want an additional degree or were not sure. Few individuals saw themselves changing their occupation. It would appear that the training or education desired reflected merely an interest of advancing within an occupation in which the individual was currently employed.

Once again, very few individuals desired child care services. The services might be offered only when there is enough demand in conjunction with a particular class. Rather than committing itself to providing expensive child care facilities, institutions could offer the service in the way in which many social service groups provide these services--by having a babysitter during the time of the meeting.

There was a moderate demand for both the television courses and the individual contracted courses. One sees a paradox in that the numbers are relatively small. Considering the distance from the Community College, these options should be that much more attractive to Carlisle residents. These data show that considerable review and study must be undertaken before the College attempts to offer these types of courses.

Derry Township (Tables J-1, J-32 to J-46)

As was the case with Carlisle Borough, the population of Derry Township is relatively small compared to the City of Harrisburg. Absolute numbers projected must be considered in light of this fact.

Despite the relatively small number of adult residents in the township, there was a sizeable number of individuals interested in adult classes in several areas. The caution about gross demand vs. net demand is warranted because there is an active adult education program in the township. This fact must be recognized in using these

data. Net demand figures should be estimated after consideration for agencies already filling part of this need. Interest in college credit programs was high, especially in the areas of accounting, business management, the social sciences, and natural sciences. These data are relevant to the success of offering college credit programs within the township.

The three reasons of employment, age, and finances, which were given as most important for not continuing education by other groups, were still within the top four reasons in Derry Township. Family obligations, a relatively important consideration which was tied for first in importance with "employment" in Derry Township, ranked fourth in importance in the other adult subpopulations. Family obligations may be construed in part as constraints on permitting an individual the time or money to take additional courses.

H.A.C.C. was, again, the largest single provider of post-secondary education in 1976, although Capital Campus and the Hershey Medical Center were providing education to many of the individuals. It should be noted that, unlike the way in which other questions are used, this question does not necessarily reflect the actual characteristics of all residents of Derry Township. Other data were used conservatively to infer demand; this cannot be used to assume that it reflects the exact attendance by adults in Derry Township at postsecondary educational institutions.

Business administration is the only program in which a relatively high number of adults enrolled during 1976. There is still a considerable disparity between the number of individuals actually enrolled and those desiring to be enrolled in specific majors. In short, there is room to provide services.

The preference for scheduling classes follows a pattern similar to preferences of Tri-County adults in general, with some minor exceptions. Early evening and evening programs during weekdays is, by far, the best schedule for most individuals. Friday evening is also relatively strong. Saturday morning is rather weak, with the exception of, possibly, late morning. If weekend classes were offered based on these data, Friday evening would have the highest probability of success.

Twice as many adult residents of Derry Township preferred attending the public schools for additional classes than those who preferred the H.A.C.C. campus. The College should work closely with

the public schools to meet the interests and needs of residents in the township. The AVTS location was favorable to some individuals. Offering some college courses and adult classes at the AVTS is a viable option for these residents.

The relative interest in course format was similar to interest of the Tri-County adult population. It may be noted that the interest in meeting three times a week for semester-length courses was quite low. A once-a-week option is the most viable.

The data on education completed and education desired show a disparity between those individuals having completed a two-year program and those desiring the associate degree. There are a fair number of individuals who would like to complete a two-year program, but have not already done so. Then, too, there were many people who did not see themselves formally completing another program, or were not sure.

There were a number of individuals who expressed interest in changing their occupation, although most were not interested in doing this. The latter group probably would view additional education as a way of advancing within their current occupation.

The number of individuals interested in child care services was rather low. In terms of planning purposes, it appears that developing child care services for classes offered within this township would have a relatively small payoff, overall. This fact does not preclude the possibility of pooled babysitting for a number of courses.

Interest in the television courses and the contracted courses was proportionately lower than in the other subgroups. This was despite the fact that the educational network channel is located within this township. It is difficult to draw inferences, other than the fact that the residents apparently preferred to have teacher contact somewhat more than did other segments of the population who responded.

Summary

Each of these locations was a potential satellite operation of the College, including the City of Harrisburg. For a number of years, occasional thought has been given to "store front" classrooms within the City. The data here do not strongly support that option; the vast majority of individuals who responded would prefer to take courses on campus. This does not completely preclude the possibility

of some locations in downtown Harrisburg, but this would probably have to be on a special group basis, such as a group of State employees or at a home for senior citizens.

The support for a satellite operation was stronger in Derry Township, although this does not preclude continuing to offer courses in Carlisle. There are several factors to be considered, such as the availability of classroom space at times of the highest demand and the degree of interest of special groups. For example, there has been a steady demand for certain courses at the Army War College at Carlisle. The Community College has been able to meet this demand quite efficiently. These services could be expanded to include more of the adults of the Carlisle area.

While Derry Township demonstrates the highest demand by the general adult population for a satellite operation, there is no key agency or employer involved in current programming. A satellite operation could be developed on a firmer base by attracting special groups. Obviously, the more individuals who are involved, the easier it is to offer courses on a justifiable cost basis.

These two locations are on the periphery of the sponsoring area for the Community College. An important question is, "To what extent can these municipalities draw from adjacent municipalities which are in the sponsoring area and from municipalities which are not sponsors of the institution?" The tuition doubles for students who reside outside the Community College's sponsoring area. Tuition still would be lower than for nearby colleges, but the attractiveness of the Community College's relatively low cost would be less a factor in the decision to enroll.

## CONCLUSIONS AND RECOMMENDAT

The final recommendations concerning which programs to implement, which to expand, and where to locate programs cannot be based solely on the data presented here. However, the specific breakouts of data do build insights which should be used in the decision-making process. For example, as the College seeks to expand its relationship with the area vocational-technical schools, it must follow the path of the highest probability of success for both institutions and, then, build on each success. The program that has the highest probability of success

is automotive/diesel technology. The location appearing to have the highest probability of success (at least, initially) is a location on the West Shore. In terms of site preference and availability, the obvious location is the Cumberland/Perry AVTS.

The vocational program with the second highest probability of success is one in the building trades/carpentry. The same factors that make Cumberland/Perry AVTS the most attractive location for automotive/diesel technology make it the most attractive location for a building trades program. Of course, offering a postsecondary college program at this location does not prohibit students from throughout the sponsoring area from attending such a program. These conclusions impact on the initial development of these programs and do not preclude taking these programs or portions of them to other sites as the programs develop.

In general, the "Weekend College" should be kept on the College campus. Occasional weekend courses might be scheduled for off-campus, but, unless some very careful recruiting is done, the probability of success is limited. It is the weekday evening time period which has the highest probability of success at the off-campus locations.

There is considerable interest in adult classes in each of the adult subpopulations. However, in each case there are specific agencies which fulfill, at least partially, the needs of these locations. The planning of adult classes will have to be done carefully, with consideration given to the programs already offered by other agencies.

In each of these adult subpopulations, there are concentrations of people who perceive themselves as being too old to continue taking classes. These are groups that the College, obviously, has not reached, and this is especially true within the City of Harrisburg.

The concern that there are financial impediments to continuing education is expressed by literally every segment of the population surveyed. To say that the cost of continuing education may be prohibitive to thousands of individuals in the Capital Region, or is thought to be prohibitive, is an understatement.

The data showed the prime locations for offering courses were public school buildings, with the College campus a close second. The data broken out by specific subpopulations show that the desirability of the campus is contingent upon distance from it. The College will

have to systematically experiment with adult classes and credit courses in terms of time and location, and, with the help of further analysis of the data in this report, make the satellite centers as convenient and as cost-effective as possible.

The perceived distance has several qualities: one is the literal mileage involved, the second is the time involved to travel the distance, and the third is the attractiveness of the path one must follow to arrive at the location. An important factor that should not be overlooked is the completion of the River Relief Route tie-in with I-81, which may drastically alter the travel time involved and add to the attractiveness of traveling to the campus for a good portion of the residents of the Capital Region. The mileage may be reduced slightly for a few individuals, but, perhaps more importantly, the time involved could be reduced considerably. The attractiveness of the route (i.e. one without traffic lights and on well-lit roads leading into the campus) should affect considerably the perceptions about coming to the campus. In short, when completed, the road may have a significant impact on the on-campus enrollments, which may result in an enrollment decline at the satellite centers. This caution should be considered until the actual impact of the River Relief Route is identified.

Child care services are important to literally thousands of individuals. However, as the total Tri-County need for child care services is broken out into subpopulations, the probability of having concentrated demand to permit a child care service in a specific location is lessened. The possibility of offering simple babysitting services on a demand basis at an off-campus location may be the only financially-reasonable response in some instances. Although a portion of the demand for child care services is not from individuals taking courses on campus, there still should be a large enough demand on campus to permit the expansion of the current effort to provide child care services. This is the type of operation which may grow over a period of time as it builds its own credibility and more individuals become aware of its availability. The fact is that the availability of child care services may increase the probability that people will come to the campus to take courses, as opposed to taking them at off-campus locations.

These comments highlight some of the important insights which result from analyzing the data by key subgroups. As has been pointed out, those districts who aided in this study may review the data further with the Director of Research & Planning at the College.

The recommendations made in Volume I are the most broad-based and are the ones to which the College and AVTS's may direct themselves. The one recommendation that should be stressed here is that programs should not be planned simply by looking at broad, Tri-County needs. It must be recognized that the needs, classes, and courses, as well as services related to those classes, may be specific to one or two locations within the Capital Region. In short, planning must be for a specific course at a specific location and a specific time.

The author did not presume to make specific recommendations on the policies and procedures of individual secondary schools. Although some were possible, it was not within the scope of the study. The objective of identifying postsecondary programs for joint planning efforts of the AVTS's and the College has been met, as well as providing a comprehensive community educational needs assessment for the College's long-range planning purposes.

## Presentation of the Data

The data contained in the Appendices F through J vary in terms of their reliability.

Appendix F includes tables containing actual response data for Harrisburg/Steelton-Highspire and Dauphin County AVTS's. The Cumberland/Perry AVTS data are extrapolations based on a rather large sample. The reader should refer to the cautions in the text of this report. Interest in programs at the twelfth-grade level may well be underestimated in several instances due to the number of non-respondents.

Appendix G, Feeder High Schools to AVTS's, has the least reliable data in terms of predictive validity. These data are based on smaller samples, and, while a representative sample was selected, the size of the sample across the individual feeder high schools is not large enough to draw strong inferences from the data. These data are extrapolated, which means they have sampling errors in addition to the limitations of the small sample.

Appendix H contains the combined high school and AVTS data broken out by East Shore and West Shore. These data are more reliable than the data found in Appendix F or G. They have the strongest implications for the initial decisions on the location of post-secondary programs.

Appendix J on adult subpopulations includes sample data in each case. The samples were relatively large, and the method of estimation was rather conservative. The scaling techniques included the entire sample, not just the respondents. This technique assumed that the large number of non-respondents had no interest in any program. The reader may have a fair degree of confidence in these data.

The reader must remember that there is a question of predictive validity. In short, a survey response cannot reflect exactly what a person will do. In the case of the adult sample where the individual took the time to complete the survey instrument and return it, the predictive validity should be relatively high. However, this remains a source of error which must be recognized when using any of the data for planning courses and curricula.

APPENDIX F

AREA VOCATIONAL-TECHNICAL SCHOOLS

TABLE F-1
NUMBER OF STUDENTS SURVEYED
IN HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | # Responses | Actual Enrollment (1975-76) |
|---|---|---|
| 10th grade | 160 | 226 |
| 11th grade | 183 | 256 |
| 12th grade | 97 | 265 |
| Post H.S. | 69 | 69 |
| Total | 509 | 816 |

TABLE F-2
DESIRED OCCUPATION
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| **Agri-Business and Natural Resources** | | | | |
| Farmers and Farm Managers | 0 | 1 | 0 | 0 |
| Land and Water Management | 1 | 0 | 0 | 0 |
| **Business and Office Occupations** | | | | |
| Accountants | 3 | 10 | 0 | 0 |
| Office Supervision | 1 | 1 | 1 | 0 |
| Bookkeeper | 7 | 2 | 0 | 0 |
| Secretary-Stenographer | 17 | 13 | 8 | 0 |
| Clerical | 11 | 4 | 5 | 0 |
| Office Machine Operator | 1 | 2 | 2 | 0 |
| Systems Analyst | 1 | 1 | 0 | 0 |
| Computer Programmer or Operator | 3 | 11 | 6 | 0 |
| Keypuncher | 2 | 4 | 4 | 0 |
| Maintenance | 0 | 1 | 0 | 0 |
| **Communications and Media** | | | | |
| Graphic Arts | 3 | 3 | 1 | 0 |
| Newspaper and Printing positions | 0 | 0 | 2 | 0 |
| Commercial Art | 0 | 1 | 1 | 0 |
| Photographer or Lithographer | 1 | 1 | 1 | 0 |
| Recordings positions | 0 | 1 | 1 | 0 |
| Radio positions | 0 | 1 | 2 | 0 |
| Television positions | 1 | 1 | 1 | 0 |
| **Construction** | | | | |
| Architects, Drafting, Blueprinting | 8 | 3 | 3 | 0 |
| Engineers | 2 | 2 | 0 | 0 |
| Carpenter | 9 | 8 | 1 | 0 |
| Painter | 0 | 5 | 0 | 0 |
| Plumber | 0 | 2 | 0 | 0 |
| Electrician | 9 | 8 | 2 | 0 |
| Metal Worker | 1 | 0 | 0 | 0 |
| Welder | 8 | 8 | 5 | 0 |
| Masonry | 0 | 1 | 0 | 0 |
| Equipment Operators | 0 | 1 | 0 | 0 |
| Interior Design, Decoration, Furnishing | 2 | 1 | 0 | 0 |

TABLE F-2 (Cont.)
DESIRED OCCUPATION
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| **Services Related to Consumers & Homemakers** | | | | |
| Food Product Development, Testing, Delivery | 0 | 9 | 2 | 0 |
| Clothing Apparel and Textile positions | 0 | 0 | 1 | 0 |
| Child Care and Guidance positions | 4 | 1 | 0 | 0 |
| Teaching | 1 | 2 | 4 | 0 |
| Family and Community Services positions | 0 | 3 | 4 | 0 |
| **Fine Arts and Humanities** | | | | |
| Entertainers and Performers | 2 | 2 | 1 | 0 |
| Creative Writing | 0 | 3 | 0 | 0 |
| **Health Occupations** | | | | |
| Doctors, Dentists, Pharmacists, Pyschologists | 0 | 0 | 2 | 0 |
| Nurse, R.N. | 0 | 2 | 1 | 46 |
| Nurse, LPN | 2 | 0 | 0 | 23 |
| Other Health Service workers | 0 | 0 | 1 | 0 |
| **Hospitality and Recreation** | | | | |
| Restaurant Occupations | 0 | 1 | 0 | 0 |
| **Manufacturing** | | | | |
| Assembly worker | 0 | 1 | 0 | 0 |
| Machine Operators | 10 | 7 | 5 | 0 |
| Maintenance | 0 | 1 | 1 | 0 |
| **Marine Science Occupations** | | | | |
| Fishing and Fisheries | 0 | 1 | 0 | 0 |
| **Marketing and Distribution Occupations** | | | | |
| Retail or Wholesale Business positions | 1 | 3 | 4 | 0 |
| Marketing services | 0 | 0 | 1 | 0 |
| **Personal Services Occupations** | | | | |
| Beauticians and Barbers | 11 | 14 | 1 | 0 |
| **Transportation** | | | | |
| Truckdrivers and Trucking occupations | 4 | 0 | 2 | 0 |
| Auto and Truck Mechanics | 14 | 16 | 5 | 0 |
| Railway & Water Transport occupations | 0 | 1 | 0 | 0 |
| Aerospace Transportation positions | 2 | 0 | 1 | 0 |

TABLE F-2 (Cont.)
DESIRED OCCUPATION
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Public Service & Related Occupations | | | | |
| Military Science | 1 | 3 | 3 | 0 |
| Postal Services | 0 | 0 | 2 | 0 |
| Police and Firefighters | 4 | 0 | 3 | 0 |
| Legal services Judges and Lawyers | 3 | 1 | 1 | 0 |
| Housewife | 1 | 0 | 0 | 0 |
| Others | | | | |
| Clergy and Ministerial Services | 0 | 1 | 0 | 0 |
| Modeling | 1 | 1 | 0 | 0 |
| Airline Stewardess | 0 | 2 | 0 | 0 |
| Electronics & Appliance Repair | 2 | 3 | 4 | 0 |
| Occupation Not Listed and Blanks | 6 | 8 | 2 | 0 |

TABLE F-3
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Definitely will enter | 41 | 57 | 38 | 32 |
| Probably will enter | 69 | 79 | 40 | 28 |
| May not enter | 7 | 12 | 3 | 0 |
| Don't know and Blank | 43 | 35 | 16 | 9 |

TABLE F-4
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Less than high school | 3 | 3 | 0 | 0 |
| High school graduate | 79 | 65 | 43 | 0 |
| Post H.S. vocational training | 33 | 49 | 23 | 20 |
| Post H.S. business training | 8 | 15 | 7 | 0 |
| Some college | 4 | 2 | 4 | 13 |
| A.A. degree | 12 | 18 | 5 | 27 |
| Bachelor's degree | 14 | 16 | 8 | 5 |
| Post-baccalaureate degree | 2 | 8 | 2 | 0 |
| Other | 3 | 3 | 3 | 3 |
| (Blank) | 2 | 4 | 2 | 1 |

TABLE F-5
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Military service | 24 | 32 | 17 | 2 |
| FT job not requiring additional training | 27 | 30 | 26 | 10 |
| FT job requiring additional training | 27 | 36 | 17 | 16 |
| FT college student with no job | 4 | 6 | 1 | 7 |
| FT college student with PT job | 25 | 30 | 16 | 19 |
| PT college student with FT job | 19 | 24 | 8 | 9 |
| Other plans | 9 | 7 | 8 | 6 |
| Don't know and Blank | 25 | 18 | 4 | 0 |

TABLE F-6
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Within commuting distance of present home | 43 | 52 | 49 | 50 |
| Outside commuting distance of present home | 14 | 29 | 17 | 1 |
| Don't know and Blank | 103 | 102 | 31 | 18 |

TABLE F-7
REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | 10th | | 11th | | 12th | | Post H.S. | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 82 | 37 | 86 | 37 | 48 | 14 | 26 | 12 | 242 | 100 |
| I have to start earning a living in order to support myself | 66 | 40 | 67 | 37 | 31 | 14 | 15 | 9 | 179 | 100 |
| It would cost more than my parents could afford | 33 | 34 | 29 | 29 | 9 | 9 | 2 | 3 | 73 | 75 |
| I probably could not use additional education on the job | 21 | 23 | 15 | 18 | 14 | 7 | 1 | 3 | 51 | 51 |
| I don't like to study | 14 | 26 | 16 | 19 | 8 | 10 | 1 | 2 | 39 | 57 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 13 | 30 | 12 | 26 | 11 | 13 | 3 | 3 | 39 | 72 |
| My high school grades are too low | 17 | 28 | 13 | 16 | 5 | 8 | 1 | 2 | 36 | 54 |
| I don't think I have the ability | 15 | 8 | 7 | 15 | 7 | 6 | 1 | 2 | 30 | 31 |
| I would rather get married | 11 | 8 | 10 | 15 | 4 | 5 | 2 | 4 | 27 | 32 |
| Most of my friends will not go to school or college after high school | 6 | 12 | 6 | 10 | 4 | 0 | 1 | 0 | 17 | 22 |
| My parents or guardians do not want me to go | 5 | 13 | 6 | 6 | 1 | 3 | 2 | 0 | 14 | 22 |

TABLE F-8
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Post H.S. vocational or technical school | 39 | 54 | 28 | 20 |
| Post H.S. commercial or business school | 12 | 16 | 8 | 0 |
| Community college or 2-year university extension, P T | 17 | 20 | 7 | 16 |
| Community college or 2-year university extension, FT | 8 | 7 | 6 | 19 |
| 4-year college or university, PT | 7 | 9 | 4 | 0 |
| 4-year college or university, FT | 11 | 16 | 5 | 1 |
| No plans for school or college | 42 | 23 | 16 | 6 |
| Military service | 5 | 12 | 8 | 0 |
| Other plans | 10 | 8 | 7 | 3 |
| (Blank) | 9 | 18 | 8 | 4 |

TABLE F-9
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Almost sure to attend | 26 | 37 | 32 | 32 |
| Likely to attend | 34 | 37 | 14 | 18 |
| May possibly attend | 39 | 57 | 22 | 7 |
| Not planning to attend | 51 | 38 | 21 | 5 |
| (Blank) | 10 | 14 | 8 | 7 |

TABLE F-10

NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Penna. Community Colleges | | | | |
| H.A.C.C. | 15 | 21 | 7 | 27 |
| Williamsport Area Comm. College | 0 | 2 | 0 | 0 |
| Penna. State Colleges | | | | |
| East Stroudsburg | 0 | 0 | 2 | 0 |
| Indiana U. of Penna. | 0 | 0 | 1 | 0 |
| Kutztown | 0 | 2 | 0 | 0 |
| Shippensburg | 1 | 1 | 2 | 0 |
| Penna. State-Related Colleges | | | | |
| Penna. State University | 4 | 1 | 0 | 0 |
| Univ. of Pittsburgh | 2 | 3 | 1 | 0 |
| Penna. Private 2-Year | | | | |
| Central Pennsylvania Business School | 2 | 1 | 0 | 0 |
| Electronics Institute | 1 | 0 | 0 | 0 |
| Thompson Institute | 0 | 1 | 2 | 0 |
| Penna. Private 4-Year | | | | |
| Dickinson | 1 | 0 | 0 | 0 |
| Messiah | 0 | 1 | 0 | 0 |
| Other Penna. Schools | | | | |
| Dauphin County AVTS | 0 | 0 | 1 | 0 |
| Grandview Hospital Sch. of Nursing | 0 | 0 | 0 | 1 |
| Harrisburg/Steelton-Highspire AVTS | 1 | 0 | 0 | 0 |
| Lancaster Gen. Hospt. Sch. of Nursing | 0 | 0 | 0 | 1 |
| PMTA Truck Driving School | 0 | 0 | 1 | 0 |
| York Hospital School of Nursing | 0 | 0 | 0 | 1 |
| Out-of-State | 13 | 17 | 6 | 4 |
| (Blank) | 120 | 133 | 74 | 35 |

TABLE F-11
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Immediately after H.S. | 28 | 44 | 23 | 19 |
| After military service | 15 | 10 | 7 | 0 |
| After working a year or longer | 29 | 46 | 24 | 28 |
| Not sure when | 37 | 38 | 16 | 10 |
| No plans for school or college any time | 43 | 33 | 19 | 4 |
| (Blank) | 8 | 12 | 8 | 8 |

TABLE F-12
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| **Business & Commerce Technologies** | | | | |
| Accounting | 1 | 7 | 1 | 0 |
| Banking and Finance | 0 | 1 | 0 | 0 |
| Bookkeeping | 4 | 2 | 0 | 0 |
| Business Administration | 4 | 4 | 3 | 0 |
| Business Education | 5 | 0 | 0 | 0 |
| Business Machine Maintenance | 0 | 1 | 0 | 0 |
| Business Management | 2 | 1 | 3 | 0 |
| Commercial Art | 1 | 2 | 1 | 0 |
| Communication Media | 0 | 0 | 2 | 0 |
| Cosmetology | 13 | 12 | 1 | 0 |
| Court Reporting | 1 | 0 | 0 | 0 |
| Data Processing | 3 | 5 | 5 | 0 |
| Distributive Education | 0 | 3 | 1 | 0 |
| Food Services | 1 | 6 | 2 | 0 |
| Graphic Arts & Printing | 3 | 1 | 2 | 0 |
| Hotel-Motel Restaurant Mgmt. | 1 | 0 | 0 | 0 |
| Keypunch Operator | 1 | 5 | 3 | 0 |
| Photography | 1 | 1 | 1 | 0 |
| Retailing | 0 | 1 | 2 | 0 |
| Secretarial Science | 8 | 3 | 2 | 0 |
| Textile and Apparel Arts | 0 | 1 | 1 | 0 |
| Theatre Arts | 1 | 0 | 0 | 0 |
| **Health Services & Paramedical Tech** | | | | |
| Inhalation Therapy | 0 | 0 | 1 | 0 |
| Medical Laboratory Technology | 1 | 0 | 0 | 0 |
| Medical Secretary | 0 | 2 | 1 | 0 |
| Nursing, Practical | 3 | 0 | 0 | 8 |
| Nursing, R.N. | 1 | 1 | 1 | 44 |
| **Mechanical & Engineering Technologies** | | | | |
| Aeronautical Technology | 1 | 1 | 0 | 0 |
| Air Conditioning and Heating | 1 | 1 | 0 | 0 |
| Aircraft Maintenance | 1 | 1 | 1 | 0 |
| Architectural Building Technology | 3 | 0 | 0 | 0 |
| Auto Service Specialist | 0 | 2 | 0 | 0 |

TABLE F-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Mechanical & Engineering Tech (cont.) | | | | |
| Auto Body Repair | 0 | 1 | 1 | 0 |
| Auto Mechanics | 3 | 14 | 2 | 0 |
| Building Construction & Maintenance | 1 | 3 | 0 | 0 |
| Carpentry | 6 | 5 | 0 | 0 |
| Civil Technology/Surveying | 0 | 1 | 0 | 0 |
| Diesel Mechanics | 0 | 2 | 1 | 0 |
| Drafting & Design Technology | 0 | 1 | 0 | 0 |
| Electricity, Industrial (Construction) | 6 | 5 | 1 | 0 |
| Electro-Mechanical Engineering Tech | 0 | 0 | 1 | 0 |
| Electronic Repair & Maintenance | 2 | 4 | 1 | 0 |
| Electronics Technology | 1 | 4 | 3 | 0 |
| Machine Shop | 10 | 5 | 4 | 0 |
| Nuclear Technology | 0 | 0 | 1 | 0 |
| Welding/Sheet Metal Work | 9 | 5 | 2 | 0 |
| Natural Science Technologies | | | | |
| Forest Technology | 1 | 0 | 0 | 0 |
| Horticulture & Landscaping | 1 | 0 | 0 | 0 |
| Public Service & Related Technologies | | | | |
| Child Care/Pre-Elementary Education | 5 | 1 | 3 | 0 |
| Commercial Security | 1 | 0 | 0 | 0 |
| Fire-Fighting/Safety Technology | 0 | 1 | 1 | 0 |
| Police Science (Law Enforcement) | 4 | 1 | 2 | 0 |
| Social Work Assistant | 0 | 2 | 1 | 0 |
| Teacher's Aide | 0 | 1 | 2 | 0 |
| Vocational Teacher Training | 1 | 0 | 0 | 0 |
| Traditional College Majors | | | | |
| Engineering | 6 | 2 | 3 | 0 |
| Social Sciences | 1 | 4 | 2 | 0 |
| Communications | 0 | 5 | 0 | 0 |
| Fine Arts | 0 | 0 | 3 | 0 |
| Business Administration | 3 | 2 | 0 | 0 |
| Education | 0 | 2 | 1 | 0 |

TABLE F-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HARRISBURG/STEELTON-HIGHSPIRE AVTS STUDENTS

| | Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Others | | | | |
| Equipment Operator | 0 | 1 | 0 | 0 |
| Truck Driver | 1 | 0 | 1 | 0 |
| Airline Stewardess | 0 | 1 | 0 | 0 |
| Military | 1 | 3 | 0 | 0 |
| Program Not Listed and Blanks | 36 | 43 | 27 | 17 |

TABLE F-13
NUMBER OF STUDENTS SURVEYED
IN DAUPHIN COUNTY AVTS

| | # Responses | Actual Enrollment (1975-76) |
|---|---|---|
| 10th grade | 289 | 331 |
| 11th grade | 310 | 357 |
| 12th grade | 262 | 325 |
| Total | 861 | 1013 |

TABLE F-14
DESIRED OCCUPATION
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Agri-Business & Natural Resources** | | | |
| Farmers and Farm Managers | 6 | 8 | 5 |
| Land and Water Management | 4 | 7 | 7 |
| Petroleum & Related Products positions | 0 | 2 | 0 |
| **Business and Office Occupations** | | | |
| Accountants | 0 | 1 | 2 |
| Bookkeeper | 0 | 2 | 3 |
| Secretary-Stenographer | 0 | 2 | 4 |
| Clerical | 2 | 1 | 0 |
| Cashier | 7 | 3 | 2 |
| Systems Analyst | 5 | 0 | 2 |
| Computer Programmer or Operator | 6 | 7 | 5 |
| Keypuncher | 0 | 2 | 1 |
| Maintenance | 0 | 1 | 1 |
| **Communications and Media** | | | |
| Graphic Arts | 8 | 9 | 6 |
| Newspaper & Printing positions | 1 | 1 | 2 |
| Commercial Art | 10 | 9 | 5 |
| Photographer or Lithographer | 2 | 3 | 2 |
| Recordings positions | 1 | 1 | 1 |
| Radio positions | 1 | 2 | 2 |
| Television positions | 3 | 0 | 1 |
| Data Transmission positions | 0 | 0 | 1 |
| Telegraph and Telephone positions | 0 | 0 | 1 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 13 | 12 | 6 |
| Engineers | 5 | 12 | 9 |
| Carpenter | 17 | 14 | 11 |
| Painter | 0 | 0 | 1 |
| Plumber | 10 | 12 | 11 |
| Electrician | 17 | 11 | 8 |
| Roofer | 4 | 2 | 1 |
| Metal Worker | 5 | 3 | 3 |
| Welder | 5 | 7 | 5 |
| Masonry | 8 | 7 | 4 |

TABLE F-14 (Cont.)
DESIRED OCCUPATION
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Construction (cont.) | | | |
| Contracting Office Operations | 0 | 1 | 0 |
| Equipment Operators | 4 | 1 | 2 |
| Interior Design, Decoration, Furnishing | 3 | 5 | 1 |
| Landscaping | 2 | 1 | 1 |
| Services Related to Consumers & Homemakers | | | |
| Food Product Development, Testing, Delivery | 5 | 1 | 2 |
| Clothing Apparel and Textile positions | 5 | 8 | 8 |
| Child Care and Guidance positions | 0 | 2 | 0 |
| Teaching | 1 | 0 | 0 |
| Family and Community Services positions | 0 | 1 | 1 |
| Institutional/Household Maintenance svcs. | 1 | 1 | 0 |
| Environment | | | |
| Space and Atmospheric Monitoring & Control | 1 | 0 | 0 |
| Environmental Health Services | 1 | 0 | 1 |
| Control of Urban/Rural Manmade Environment | 0 | 0 | 1 |
| Fine Arts and Humanities | | | |
| Entertainers and Performers | 2 | 6 | 2 |
| Creative Writing | 0 | 1 | 0 |
| Health Occupations | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 1 | 4 | 0 |
| Nurse, R.N. | 3 | 4 | 5 |
| Nurse, LPN | 1 | 2 | 1 |
| Medical and Dental Assistant | 1 | 4 | 1 |
| Other Health Service Workers | 7 | 14 | 8 |
| Hospitality and Recreation | | | |
| Recreation Occupations | 0 | 0 | 1 |
| Restaurant Occupations | 4 | 3 | 6 |
| Manufacturing | | | |
| Machine Operators | 8 | 8 | 5 |
| Maintenance | 2 | 0 | 0 |

TABLE F-14 (Cont.)
DESIRED OCCUPATION
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Marine Science Occupations | | | |
| Fishing and Fisheries | 1 | 1 | 0 |
| Shipbuilding & Offshore Mineral Dvlpmt | 0 | 0 | 1 |
| Marketing and Distribution Occupations | | | |
| Advertisement Management and Writing | 1 | 1 | 0 |
| Retail or Wholesale Business positions | 7 | 8 | 11 |
| Warehousing | 0 | 1 | 1 |
| Marketing Services | 0 | 1 | 0 |
| Personal Services Occupations | | | |
| Beauticians and Barbers | 18 | 8 | 14 |
| Transportation | | | |
| Truckdrivers and Trucking Occupations | 6 | 10 | 7 |
| Cab Drivers and Deliveryperson | 1 | 0 | 0 |
| Auto and Truck Mechanics | 34 | 26 | 27 |
| Aerospace Transportation | 0 | 2 | 3 |
| Public Service & Related Occupations | | | |
| Federal, State & Local Agencies positions | 1 | 0 | 0 |
| Military Science | 2 | 2 | 0 |
| Police and Firefighters | 0 | 4 | 1 |
| Legal Services Judges and Lawyers | 0 | 0 | 1 |
| Housewife | 2 | 4 | 4 |
| Others | | | |
| Clergy and Ministerial Services | 0 | 0 | 1 |
| Research Workers | 1 | 2 | 0 |
| Statistician | 0 | 0 | 1 |
| Scientist | 4 | 5 | 1 |
| Modeling | 1 | 1 | 0 |
| Airline Stewardess | 0 | 3 | 0 |
| Electronics & Appliance Repair | 8 | 8 | 7 |
| Occupation Not Listed and Blanks | 10 | 15 | 24 |

TABLE F-15
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 82 | 75 | 109 |
| Probably will enter | 137 | 144 | 74 |
| May not enter | 17 | 31 | 24 |
| Don't know and Blank | 53 | 60 | 55 |

TABLE F-16
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 2 | 1 | 3 |
| High school graduate | 176 | 149 | 131 |
| Post H.S. vocational training | 52 | 44 | 34 |
| Post H.S. business training | 6 | 12 | 13 |
| Some college | 4 | 17 | 11 |
| A.A. degree | 23 | 33 | 22 |
| Bachelor's degree | 9 | 26 | 15 |
| Post-baccalaureate degree | 5 | 11 | 5 |
| Other | 12 | 13 | 23 |
| (Blank) | 0 | 4 | 5 |

TABLE F-17
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 25 | 18 | 19 |
| FT job not requiring additional training | 107 | 93 | 104 |
| FT job requiring additional training | 61 | 62 | 53 |
| FT college student with no job | 2 | 12 | 6 |
| FT college student with PT job | 32 | 40 | 27 |
| PT college student with FT job | 16 | 22 | 14 |
| Other plans | 19 | 35 | 24 |
| Don't know and Blank | 27 | 28 | 15 |

TABLE F-18
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Within commuting distance of present home | 119 | 141 | 156 |
| Outside commuting distance of present home | 18 | 31 | 32 |
| Don't know and Blank | 152 | 138 | 74 |

TABLE F-19

REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | 10th | | 11th | | 12th | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 137 | 81 | 136 | 88 | 122 | 72 | 395 | 241 |
| I have to start earning a living in order to support myself | 95 | 77 | 104 | 82 | 88 | 66 | 287 | 225 |
| It would cost more than my parents could afford | 37 | 62 | 52 | 61 | 46 | 35 | 135 | 158 |
| I probably could not use additional education on the job | 29 | 43 | 36 | 37 | 26 | 28 | 91 | 108 |
| I don't like to study | 42 | 47 | 26 | 50 | 17 | 40 | 85 | 137 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 29 | 49 | 21 | 56 | 28 | 40 | 78 | 145 |
| I would rather get married | 26 | 45 | 29 | 38 | 22 | 26 | 77 | 109 |
| My high school grades are too low | 27 | 41 | 20 | 41 | 17 | 27 | 64 | 109 |
| I don't think I have the ability | 16 | 22 | 16 | 37 | 13 | 24 | 45 | 83 |
| Most of my friends will not go to school or college after high school | 16 | 20 | 14 | 23 | 14 | 25 | 44 | 68 |
| My parents or guardians do not want me to go | 11 | 20 | 10 | 11 | 10 | 17 | 31 | 48 |

TABLE F-20
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 77 | 73 | 58 |
| Post H.S. commercial or business school | 10 | 13 | 9 |
| Community college or 2-year university extension, PT | 22 | 41 | 25 |
| Community college or 2-year university extension, FT | 13 | 24 | 22 |
| 4-year college or university, PT | 3 | 7 | 3 |
| 4-year college or university, FT | 14 | 23 | 12 |
| No plans for school or college | 113 | 93 | 70 |
| Military service | 6 | 7 | 7 |
| Other plans | 23 | 19 | 29 |
| (Blank) | 8 | 10 | 27 |

TABLE F-21
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 37 | 52. | 50 |
| Likely to attend | 45 | 56 | 28 |
| May possibly attend | 70 | 79 | 66 |
| Not planning to attend | 133 | 111 | 86 |
| (Blank) | 4 | 12 | 32 |

TABLE F-22
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Penna. Community Colleges | | | |
| H.A.C.C. | 11 | 30 | 22 |
| Williamsport Area Comm. College | 4 | 3 | 2 |
| Penna. State Colleges | | | |
| Indiana U. of Penna. | 0 | 0 | 2 |
| Kutztown | 1 | 0 | 1 |
| Shippensburg | 0 | 2 | 2 |
| Penna. State-Related Colleges | | | |
| Penna. State University | 5 | 8 | 4 |
| Temple | 0 | 0 | 1 |
| Penna. Private 2-Year | | | |
| Central Pennsylvania Business School | 0 | 2 | 0 |
| Penna. Jr. College of Medical Arts | 0 | 1 | 0 |
| Thompson Institute | 0 | 1 | 1 |
| Penna. Private 4-Year | | | |
| Bucknell | 0 | 1 | 0 |
| Dickinson | 1 | 0 | 0 |
| Lebanon Valley | 0 | 1 | 1 |
| York College | 0 | 0 | 1 |
| Other Penna. Schools | | | |
| Art Institute of Pittsburgh | 0 | 2 | 1 |
| Ashland Hospital School of Nursing | 0 | 0 | 1 |
| Fashion Academy of Pittsburgh | 0 | 0 | 1 |
| Harrisburg School of Beauty Culture | 1 | 0 | 0 |
| Kendel Beauty School | 1 | 1 | 0 |
| Philadelphia College of Art | 1 | 0 | 0 |
| PMTA Truck Driving School | 1 | 0 | 1 |
| Stevens Trade School | 1 | 0 | 0 |
| St. Joseph's Hospital School of Nursing | 0 | 0 | 1 |
| West Shore Beauty Academy | 0 | 0 | 1 |
| Out-of-State | 3 | 11 | 13 |
| (Blank) | 259 | 247 | 206 |

TABLE F-23
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Immediately after H.S. | 34 | 50 | 43 |
| After military service | 10 | 4 | 3 |
| After working a year or longer | 50 | 59 | 44 |
| Not sure when | 65 | 78 | 61 |
| No plans for school or college any time | 126 | 103 | 83 |
| (Blank) | 4 | 16 | 28 |

TABLE F-24
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Business & Commerce Technologies** | | | |
| Accounting | 0 | 2 | 3 |
| Banking and Finance | 0 | 2 | 0 |
| Bookkeeping | 0 | 2 | 3 |
| Business Administration | 0 | 0 | 2 |
| Business Education | 1 | 1 | 0 |
| Business Machine Maintenance | 0 | 2 | 0 |
| Business Management | 1 | 5 | 1 |
| Commercial Art | 10 | 9 | 4 |
| Communication Media | 0 | 0 | 1 |
| Cosmetology | 15 | 4 | 8 |
| Data Processing | 10 | 9 | 6 |
| Distributive Education | 11 | 4 | 1 |
| Food Services | 3 | 3 | 5 |
| Graphic Arts & Printing | 3 | 3 | 2 |
| Keypunch Operator | 0 | 1 | 0 |
| Photography | 2 | 2 | 2 |
| Retailing | 1 | 1 | 3 |
| Textile and Apparel Arts | 6 | 11 | 5 |
| Theatre Arts | 0 | 3 | 0 |
| Traffic Transportation Tech | 1 | 0 | 1 |
| **Health Services & Paramedical Tech** | | | |
| Biomedical Electronics | 1 | 1 | 0 |
| Dental Assistant | 0 | 3 | 0 |
| Dental Laboratory Technology | 0 | 0 | 2 |
| Health Assistant | 3 | 1 | 1 |
| Inhalation Therapy | 0 | 5 | 4 |
| Medical Laboratory Technology | 2 | 7 | 1 |
| Medical Secretary | 0 | 3 | 0 |
| Nuclear Medical Technician | 0 | 0 | 1 |
| Nursing, Practical | 0 | 1 | 3 |
| Nursing, R.N. | 2 | 1 | 3 |
| Occupational Therapy | 0 | 1 | 0 |
| Physical Therapist | 1 | 0 | 1 |
| Radiological Technology | 1 | 2 | 0 |

TABLE F-24 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Mechanical & Engineering Technologies** | | | |
| Aeronautical Technology | 0 | 3 | 2 |
| Air Conditioning and Heating | 9 | 5 | 8 |
| Aircraft Maintenance | 0 | 0 | 2 |
| Architectural Building Technology | 1 | 1 | 0 |
| Auto Service Specialist | 1 | 2 | 2 |
| Auto Body Repair | 7 | 3 | 4 |
| Auto Mechanics | 19 | 19 | 15 |
| Building Construction & Maintenance | 16 | 8 | 5 |
| Carpentry | 4 | 6 | 3 |
| Chemical Technology | 7 | 5 | 1 |
| Civil Technology/Surveying | 0 | 0 | 1 |
| Diesel Mechanics | 1 | 2 | 4 |
| Drafting & Design Technology | 10 | 6 | 6 |
| Electricity, Industrial (Construction) | 7 | 5 | 3 |
| Electro-Mechanical Engineering Tech | 0 | 3 | 1 |
| Electronic Repair & Maintenance | 5 | 3 | 2 |
| Electronics Technology | 8 | 6 | 4 |
| Instrumentation Technology | 0 | 0 | 1 |
| Machine Shop | 8 | 5 | 4 |
| Masonry | 5 | 4 | 1 |
| Mechanical Technology | 0 | 0 | 1 |
| Metals Technology | 1 | 0 | 0 |
| Nuclear Technology | 0 | 0 | 1 |
| Welding/Sheet Metal Work | 5 | 6 | 2 |
| **Natural Science Technologies** | | | |
| Agriculture | 1 | 0 | 2 |
| Environmental Health Technology | 0 | 0 | 2 |
| Forest Technology | 2 | 5 | 3 |
| Horticulture & Landscaping | 5 | 3 | 3 |
| Pollution Control (Waste-Water) | 0 | 0 | 2 |
| Sanitation Technician | 0 | 2 | 0 |
| **Public Service & Related Technologies** | | | |
| Child-Care/Pre-Elementary Education | 1 | 1 | 0 |
| Commercial Security | 0 | 1 | 0 |
| Fire-Fighting/Safety Technology | 1 | 1 | 0 |
| Library Technology | 0 | 1 | 0 |
| Police Science (Law Enforcement) | 0 | 2 | 2 |

TABLE F-24 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY DAUPHIN COUNTY AVTS STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Public Service & Related Tech (cont.) | | | |
| Recreation Program Leadership | 0 | 0 | 2 |
| Social Work Assistant | 0 | 1 | 2 |
| Vocational Teacher Training | 0 | 1 | 1 |
| Traditional College Majors | | | |
| Engineering | 3 | 10 | 2 |
| Social Sciences | 1 | 1 | 2 |
| Natural Sciences | 0 | 5 | 1 |
| Physical Sciences | 3 | 3 | 1 |
| Communications | 1 | 2 | 2 |
| Fine Arts | 0 | 3 | 3 |
| Business Administration | 0 | 0 | 1 |
| Education | 0 | 1 | 0 |
| Others | | | |
| Vocational-Technical | 1 | 2 | 0 |
| Modeling | 1 | 0 | 0 |
| Equipment Operator | 0 | 0 | 1 |
| Truck Driver | 2 | 4 | 2 |
| Airline Stewardess | 0 | 1 | 0 |
| Military | 0 | 1 | 0 |
| Program Not Listed and Blanks | 79 | 78 | 92 |

TABLE F-25
FACTORS USED FOR PROJECTIONS OF
CUMBERLAND/PERRY AVTS STUDENT DATA

| | # Responses | # in Sample | Actual Enrollment (1975-76) | Factor |
|---|---|---|---|---|
| 10th grade | 135 | 160 | 320 | 2.00 |
| 11th grade | 175 | 208 | 417 | 2.00 |
| 12th grade | 116 | 167 | 335 | 2.00 |
| Total | 426 | 535 | 1072 | |

TABLE F-26
DESIRED OCCUPATION
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Agri-Business and Natural Resources** | | | |
| Farmers and Farm Managers | 6 | 2 | 2 |
| Land and Water Management | 8 | 4 | 2 |
| **Business and Office Occupations** | | | |
| Accountants | 0 | 0 | 2 |
| Office Supervision | 0 | 2 | 0 |
| Secretary-Stenographer | 0 | 12 | 0 |
| Clerical | 0 | 4 | 2 |
| Cashier | 6 | 2 | 0 |
| Systems Analyst | 2 | 2 | 2 |
| Computer Programmer or Operator | 8 | 4 | 6 |
| Keypuncher | 0 | 0 | 2 |
| Maintenance | 0 | 6 | 2 |
| **Communications and Media** | | | |
| Graphic Arts | 2 | 8 | 2 |
| Newspaper/Printing positions | 6 | 6 | 2 |
| Commercial Art | 0 | 6 | 6 |
| Photographer or Lithographer | 2 | 2 | 0 |
| Recordings positions | 0 | 4 | 0 |
| Radio positions | 4 | 0 | 2 |
| Television positions | 2 | 2 | 0 |
| Telegraph and Telephone positions | 2 | 0 | 2 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 2 | 6 | 4 |
| Engineers | 0 | 6 | 6 |
| Carpenter | 28 | 34 | 16 |
| Plumber | 28 | 16 | 8 |
| Electrician | 18 | 14 | 2 |
| Metal worker | 0 | 2 | 2 |
| Welder | 2 | 2 | 6 |
| Masonry | 10 | 10 | 16 |
| Equipment Operators | 2 | 6 | 0 |
| Interior Design, Decoration, Furnishing | 0 | 4 | 0 |
| Landscaping | 2 | 4 | 4 |

TABLE F-26 (Cont.)
DESIRED OCCUPATION
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Services Related to Consumers & Homemakers | | | |
| Family and Community Services positions | 2 | 0 | 2 |
| Environment | | | |
| Control of Urban/Rural Manmade Environment | 2 | 0 | 0 |
| Fine Arts and Humanities | | | |
| Entertainers and Performers | 0 | 8 | 2 |
| Health Occupations | | | |
| Nurse, LPN | 0 | 0 | 6 |
| Medical and Dental Assistant | 0 | 0 | 8 |
| Other Health Service workers | 2 | 0 | 20 |
| Hospitality and Recreation | | | |
| Hotel/Motel occupations | 0 | 4 | 0 |
| Restaurant occupations | 0 | 0 | 2 |
| Manufacturing | | | |
| Machine Operators | 4 | 6 | 8 |
| Inspectors | 0 | 2 | 0 |
| Maintenance | 0 | 2 | 0 |
| Marine Science Occupations | | | |
| Ships Officers, Sailors, Hands | 0 | 2 | 0 |
| Marketing & Distribution Occupations | | | |
| Advertisement Management, Writing | 2 | 4 | 0 |
| Retail or Wholesale Business positions | 8 | 18 | 2 |
| Warehousing | 8 | 0 | 2 |
| Personal Services Occupations | | | |
| Beauticians and Barbers | 12 | 6 | 8 |
| Mortuary Science | 0 | 2 | 0 |

TABLE F-26 (Cont.)
DESIRED OCCUPATION
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Transportation | | | |
| Truckdrivers and Trucking positions | 8 | 12 | 4 |
| Auto and Truck Mechanics | 52 | 56 | 26 |
| Aerospace Transportation positions | 0 | 8 | 0 |
| Public Service & Related Occupations | | | |
| Federal, State, Local Agencies positions | 0 | 0 | 2 |
| Military Science | 6 | 4 | 2 |
| Postal Services | 0 | 2 | 0 |
| Police and Firefighters | 2 | 18 | 22 |
| Housewife | 0 | 0 | 4 |
| Others | | | |
| Modeling | 0 | 2 | 0 |
| Electronics & Appliance Repair | 4 | 8 | 8 |
| Occupation Not Listed and Blanks | 20 | 16 | 6 |

TABLE F-27
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 74 | 110 | 96 |
| Probably will enter | 136 | 170 | 86 |
| May not enter | 8 | 18 | 10 |
| Don't know and Blank | 52 | 52 | 40 |

TABLE F-28
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 0 | 0 | 0 |
| High school graduate | 174 | 160 | 130 |
| Post H.S. vocational training | 46 | 72 | 22 |
| Post H.S. business training | 6 | 16 | 4 |
| Some college | 12 | 22 | 20 |
| A.A. degree | 10 | 24 | 24 |
| Bachelor's degree | 6 | 14 | 12 |
| Post-baccalaureate degree | 2 | 6 | 2 |
| Other | 6 | 24 | 10 |
| (Blank) | 8 | 12 | 8 |

TABLE F-29
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Military service | 26 | 44 | 14 |
| FT job not requiring additional training | 84 | 88 | 108 |
| FT job requiring additional training | 60 | 74 | 52 |
| FT college student with no job | 8 | 20 | 4 |
| FT college student with PT job | 14 | 56 | 18 |
| PT college student with FT job | 8 | 14 | 6 |
| Other plans | 24 | 30 | 16 |
| Don't know and Blank | 46 | 24 | 14 |

TABLE F-30
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Within commuting distance of present home | 112 | 154 | 156 |
| Outside commuting distance of present home | 10 | 34 | 20 |
| Don't know and Blank | 178 | 232 | 56 |

TABLE F-31
REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | 10th | | 11th | | 12th | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 132 | 74 | 144 | 92 | 126 | 48 | 402 | 214 |
| I have to start earning a living in order to support myself | 80 | 80 | 98 | 82 | 72 | 64 | 250 | 226 |
| It would cost more than my parents could afford | 36 | 54 | 42 | 58 | 32 | 34 | 110 | 146 |
| I don't like to study | 28 | 56 | 32 | 52 | 20 | 32 | 80 | 140 |
| I probably could not use additional education on the job | 22 | 58 | 34 | 60 | 20 | 40 | 76 | 158 |
| My high school grades are too low | 38 | 50 | 26 | 40 | 6 | 30 | 70 | 120 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 16 | 44 | 28 | 52 | 24 | 34 | 68 | 130 |
| I would rather get married | 10 | 24 | 8 | 32 | 24 | 16 | 42 | 72 |
| I don't think I have the ability | 18 | 28 | 12 | 38 | 10 | 14 | 40 | 80 |
| Most of my friends will not go to school or college after high school | 2 | 16 | 8 | 24 | 12 | 20 | 22 | 60 |
| My parents or guardians do not want me to go | 8 | 26 | 6 | 4 | 2 | 16 | 16 | 46 |

TABLE F-32
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 88 | 70 | 40 |
| Post H.S. commercial or business school | 8 | 16 | 8 |
| Community college or 2-year university extension, PT | 8 | 42 | 18 |
| Community college or 2-year university extension, FT | 8 | 24 | 24 |
| 4-year college or university, PT | 4 | 10 | 0 |
| 4-year college or university, FT | 6 | 20 | 8 |
| No plans for school or college | 88 | 90 | 68 |
| Military service | 12 | 12 | 4 |
| Other plans | 12 | 30 | 24 |
| (Blank) | 36 | 36 | 38 |

TABLE F-33
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 26 | 52 | 34 |
| Likely to attend | 32 | 56 | 28 |
| May possibly attend | 66 | 100 | 48 |
| Not planning to attend | 114 | 112 | 94 |
| (Blank) | 32 | 30 | 28 |

TABLE F-34
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Penna. Community Colleges | | | |
| H.A.C.C. | 6 | 40 | 22 |
| Williamsport Area Comm. College | 4 | 0 | 6 |
| Penna. State Colleges | | | |
| Shippensburg | 0 | 2 | 0 |
| West Chester | 0 | 2 | 0 |
| Penna. State-Related Colleges | | | |
| Penna. State University | 0 | 8 | 4 |
| Penna. Private 2-Year | | | |
| Central Pennsylvania Business School | 2 | 4 | 0 |
| Northeast Christian Jr. College | 0 | 2 | 0 |
| Thompson Institute | 0 | 4 | 0 |
| Penna. Private 4-Year | | | |
| York College | 0 | 2 | 0 |
| Other Penna. Schools | | | |
| Empire Beauty School | 0 | 0 | 2 |
| Philadelphia College of Art | 0 | 0 | 2 |
| Stevens Trade School | 2 | 2 | 0 |
| York Academy of Arts | 0 | 0 | 2 |
| Out-of-State | 6 | 8 | 6 |
| (Blank) | 250 | 276 | 188 |

TABLE F-35
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Immediately after H.S. | 32 | 68 | 28 |
| After military service | 4 | 20 | 6 |
| After working a year or longer | 28 | 46 | 30 |
| Not sure when | 62 | 80 | 48 |
| No plans for school or college any time | 110 | 102 | 90 |
| (Blank) | 34 | 34 | 30 |

TABLE F-36
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Business & Commerce Technologies** | | | |
| Business Education | 0 | 8 | 2 |
| Business Machine Maintenance | 4 | 0 | 0 |
| Business Management | 2 | 12 | 0 |
| Commercial Art | 0 | 4 | 2 |
| Communication Media | 2 | 2 | 0 |
| Cosmetology | 4 | 2 | 8 |
| Data Processing | 4 | 4 | 2 |
| Distributive Education | 2 | 12 | 0 |
| Graphic Arts & Printing | 4 | 6 | 2 |
| Photography | 0 | 4 | 0 |
| Retailing | 4 | 2 | 0 |
| Textile and Apparel Arts | 0 | 2 | 2 |
| Traffic Transportation Tech | 0 | 0 | 2 |
| **Health Services & Paramedical Tech** | | | |
| Biomedical Electronics | 0 | 0 | 2 |
| Dental Assistant | 0 | 0 | 4 |
| Dental Hygiene | 0 | 0 | 4 |
| Health Assistant | 0 | 0 | 10 |
| Medical Laboratory Technology | 0 | 0 | 4 |
| Medical Secretary | 0 | 2 | 4 |
| Nursing, Practical | 0 | 0 | 4 |
| Nursing, R.N. | 0 | 0 | 2 |
| Physical Therapist | 0 | 2 | 2 |
| **Mechanical & Engineering Technologies** | | | |
| Aeronautical Technology | 0 | 2 | 0 |
| Air Conditioning and Heating | 12 | 14 | 6 |
| Aircraft Maintenance | 0 | 6 | 0 |
| Architectural Building Technology | 0 | 2 | 0 |
| Auto Service Specialist | 0 | 2 | 0 |
| Auto Body Repair | 12 | 14 | 2 |
| Auto Mechanics | 26 | 18 | 12 |
| Aviation Science | 2 | 2 | 0 |
| Carpentry | 26 | 18 | 8 |
| Civil Technology/Surveying | 0 | 2 | 0 |

TABLE F-36 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY CUMBERLAND/PERRY AVTS STUDENTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Mechanical & Engineering Tech (cont.) | | | |
| Diesel Mechanics | 6 | 20 | 4 |
| Drafting & Design Technology | 0 | 2 | 2 |
| Electricity, Industrial (Construction) | 10 | 10 | 0 |
| Electro-Mechanical Engineering Tech | 2 | 0 | 2 |
| Electronic Repair & Maintenance | 8 | 6 | 2 |
| Electronics Technology | 2 | 8 | 2 |
| Machine Shop | 4 | 2 | 2 |
| Masonry | 4 | 6 | 6 |
| Materials Handling | 10 | 0 | 0 |
| Mechanical Technology | 0 | 0 | 2 |
| Welding/Sheet Metal Work | 2 | 2 | 6 |
| Natural Science Technologies | | | |
| Agriculture | 0 | 0 | 2 |
| Forest Technology | 6 | 4 | 4 |
| Horticulture & Landscaping | 2 | 4 | 0 |
| Pollution Control (Waste-Water) | 2 | 0 | 0 |
| Public Service & Related Technologies | | | |
| Fire-Fighting/Safety Technology | 0 | 4 | 4 |
| Police Science (Law Enforcement) | 0 | 14 | 18 |
| Social Work Assistant | 4 | 0 | 0 |
| Traditional College Majors | | | |
| Engineering | 2 | 10 | 4 |
| Social Sciences | 2 | 2 | 0 |
| Physical Sciences | 2 | 4 | 0 |
| Mathematics | 2 | 2 | 4 |
| Communications | 2 | 0 | 0 |
| Fine Arts | 0 | 6 | 2 |
| Education | 2 | 0 | 0 |
| Others | | | |
| Truck Driver | 2 | 4 | 0 |
| Military | 4 | 4 | 2 |
| Program Not Listed and Blanks | 86 | 94 | 80 |

APPENDIX G

FEEDER HIGH SCHOOLS TO AVTS's

TABLE G-1
NUMBER OF RESPONDENTS, ACTUAL ENROLLMENT, AND FACTOR USED
FOR FEEDER HIGH SCHOOLS*
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | # in Sample | Actual Enrollment (1975-76) | Factor |
|---|---|---|---|
| 10th grade | 52 | 816 | 15.70 |
| 11th grade | 54 | 804 | 14.90 |
| 12th grade | 50 | 690 | 13.81 |
| Total | 156 | 2310 | 14.81 |

*Feeder High Schools include those located in the following School Districts:
Harrisburg
Steelton-Highspire

TABLE G-2
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Agri-Business & Natural Resources** | | | |
| Land & Water Management | 31 | 0 | 0 |
| **Business & Office Occupations** | | | |
| Accountants | 0 | 0 | 28 |
| Office Supervision | 16 | 0 | 0 |
| Bookkeeper | 0 | 15 | 0 |
| Secretary-Stenographer | 31 | 30 | 28 |
| Computer Programmer or Operator | 0 | 0 | 14 |
| **Communications and Media** | | | |
| Graphic Arts | 16 | 0 | 14 |
| Newspaper/Printing positions | 31 | 0 | 0 |
| Commercial Art | 0 | 0 | 14 |
| Photographer or Lithographer | 0 | 15 | 0 |
| Television positions | 0 | 15 | 0 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 0 | 0 | 28 |
| Carpenter | 47 | 0 | 0 |
| Electrician | 31 | 0 | 0 |
| **Services Related to Consumers & Homemakers** | | | |
| Clothing Apparel & Textile positions | 0 | 0 | 28 |
| Teaching | 16 | 30 | 28 |
| Family & Community Services | 16 | 60 | 0 |
| **Environment** | | | |
| Soil & Mineral Conservation & Control | 16 | 0 | 0 |
| Control of Urban/Rural Manmade Environment | 16 | 0 | 0 |
| **Health Occupations** | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 16 | 30 | 0 |
| Nurse, R.N. | 63 | 30 | 0 |
| Other Health Service workers | 16 | 0 | 0 |
| **Hospitality & Recreation** | | | |
| Restaurant occupations | 0 | 0 | 14 |

TABLE G-2 (Cont.)
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Marketing & Distribution Occupations | | | |
| Advertisement Management & Writing | 16 | 0 | 0 |
| Retail or Wholesale Business | 16 | 0 | 28 |
| Marketing Services | 0 | 0 | 14 |
| Transportation | | | |
| Truckdrivers & Trucking occupations | 16 | 0 | 0 |
| Cab Drivers & Deliverypersons | 0 | 0 | 14 |
| Aerospace Transportation | 0 | 0 | 14 |
| Public Service & Related Occupations | | | |
| Military Service | 0 | 15 | 0 |
| Police and Firefighters | 16 | 15 | 0 |
| Legal Services: Judges, Lawyers | 31 | 0 | 14 |
| Others | | | |
| Scientist | 0 | 15 | 0 |
| Occupation Not Listed and Blanks | 16 | 60 | 0 |

TABLE G-3
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 110 | 119 | 110 |
| Probably will enter | 298 | 89 | 152 |
| May not enter | 31 | 0 | 0 |
| Don't know and Blank | 31 | 119 | 14 |

TABLE G-4
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 0 | 0 | 0 |
| High school graduate | 47 | 60 | 14 |
| Post H.S. vocational training | 31 | 0 | 69 |
| Post H.S. business training | 63 | 15 | 14 |
| Some college | 0 | 0 | 0 |
| A.A. degree | 63 | 60 | 41 |
| Bachelor's degree | 126 | 74 | 110 |
| Post-baccalaureate degree | 78 | 74 | 28 |
| Other | 63 | 15 | 0 |
| (Blank) | 0 | 30 | 0 |

TABLE G-5
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 16 | 15 | 0 |
| FT job not requiring additional training | 31 | 30 | 55 |
| FT job requiring additional training | 47 | 15 | 14 |
| FT college student with no job | 63 | 15 | 69 |
| FT college student with PT job | 220 | 149 | 124 |
| PT college student with FT job | 16 | 15 | 14 |
| Other plans | 78 | 0 | 0 |
| Don't know and Blank | 0 | 30 | 0 |

TABLE G-6
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Within commuting distance of present home | 157 | 60 | 180 |
| Outside commuting distance of present home | 94 | 104 | 83 |
| Don't know and Blank | 220 | 164 | 14 |

TABLE G-7

REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION REPORTED BY FEEDER HIGH SCHOOL STUDENTS TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 10th | | 11th | | 12th | | Total | |
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 78 | 47 | 74 | 30 | 55 | 55 | 207 | 133 |
| It would cost more than my parents could afford | 0 | 31 | 60 | 30 | 41 | 55 | 104 | 118 |
| I have to start earning a living in order to support myself | 47 | 63 | 15 | 60 | 28 | 41 | 89 | 163 |
| I don't think I have the ability | 16 | 0 | 15 | 30 | 14 | 0 | 44 | 30 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 0 | 78 | 0 | 30 | 28 | 0 | 30 | 104 |
| My high school grades are too low | 0 | 31 | 30 | 30 | 0 | 14 | 30 | 74 |
| I probably could not use additional education on the job | 0 | 31 | 15 | 15 | 14 | 14 | 30 | 59 |
| I don't like to study | 0 | 31 | 0 | 30 | 0 | 28 | 0 | 89 |
| I would rather get married | 0 | 16 | 0 | 15 | 0 | 0 | 0 | 30 |
| Most of my friends will not go to school or college after high school | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 15 |
| My parents or guardians do not want me to go | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE G-8
TYPE OF SCHOOL PLANNING TO ATTEND FIRST REPORTED BY FEEDER HIGH SCHOOL STUDENTS TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Post H.S. vocational or technical school | 63 | 0 | 55 |
| Post H.S. commercial or business school | 78 | 15 | 28 |
| Community college or 2-year university extension, PT | 31 | 0 | 28 |
| Community college or 2-year university extension, FT | 16 | 74 | 55 |
| 4-year college or university, PT | 63 | 0 | 0 |
| 4-year college or university, FT | 141 | 164 | 97 |
| No plans for school or college | 31 | 45 | 14 |
| Military service | 16 | 0 | 0 |
| Other plans | 31 | 15 | 0 |
| (Blank) | 0 | 15 | 0 |

TABLE G-9
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST REPORTED BY FEEDER HIGH SCHOOL STUDENTS TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 220 | 164 | 166 |
| Likely to attend | 126 | 45 | 41 |
| May possibly attend | 78 | 30 | 55 |
| Not planning to attend | 31 | 60 | 14 |
| (Blank) | 16 | 30 | 0 |

TABLE G-10
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHPSIRE AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Penna. Community Colleges | | | |
| H.A.C.C. | 47 | 60 | 41 |
| Penna. State Colleges | | | |
| Clarion | 0 | 0 | 14 |
| Kutztown | 0 | 0 | 14 |
| Millersville | 16 | 0 | 0 |
| Shippensburg | 0 | 0 | 28 |
| Penna. State-Related Universities | | | |
| Penna. State University | 16 | 15 | 0 |
| Temple | 0 | 15 | 0 |
| University of Pittsburgh | 0 | 15 | 14 |
| Penna. Private 2-Year Colleges | | | |
| Thompson Institute | 16 | 0 | 14 |
| Penna. Private 4-Year Colleges/Universities | | | |
| Bucknell | 0 | 15 | 0 |
| Carnegie Mellon | 0 | 15 | 0 |
| Dickinson | 16 | 15 | 0 |
| Elizabethtown | 0 | 0 | 14 |
| Lincoln | 16 | 0 | 0 |
| Other Penna. Schools | | | |
| Dauphin County AVTS | 0 | 0 | 14 |
| Pittsburgh Institute of Aeronautics | 0 | 0 | 14 |
| Out-of-State | 96 | 15 | 56 |
| (Blank) | 251 | 179 | 55 |

TABLE G-11
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Immediately after H.S. | 220 | 238 | 207 |
| After military service | 0 | 0 | 0 |
| After working a year or longer | 173 | 15 | 28 |
| Not sure when | 31 | 0 | 14 |
| No plans for school or college at any time | 31 | 60 | 28 |
| (Blank) | 16 | 15 | 0 |

TABLE G-12
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Business & Commerce Technologies** | | | |
| Accounting | 0 | 0 | 28 |
| Bookkeeping | 0 | 15 | 0 |
| Business Administration | 31 | 0 | 14 |
| Business Education | 16 | 0 | 0 |
| Business Management | 16 | 0 | 14 |
| Commercial Art | 0 | 0 | 14 |
| Distributive Education | 0 | 0 | 14 |
| Graphic Arts & Printing | 0 | 0 | 14 |
| Hotel-Motel & Restaurant Mgmt. | 0 | 0 | 14 |
| Retailing | 0 | 0 | 28 |
| Secretarial Science | 0 | 30 | 14 |
| Traffic Transportation Tech | 0 | 0 | 14 |
| **Health Services & Paramedical Tech** | | | |
| Medical Laboratory Technology | 16 | 0 | 0 |
| Medical Secretary | 31 | 0 | 0 |
| Nursing, R.N. | 47 | 30 | 0 |
| Physical Therapist | 16 | 15 | 0 |
| Speech Pathology | 0 | 0 | 14 |
| **Mechanical & Engineering Technologies** | | | |
| Aircraft Maintenance | 0 | 0 | 14 |
| Carpentry | 47 | 0 | 0 |
| Civil Technology/Surveying | 0 | 0 | 14 |
| Drafting & Design Technology | 0 | 0 | 14 |
| Electricity, Industrial (Construction) | 16 | 0 | 0 |
| Machine Shop | 16 | 0 | 0 |
| **Natural Science Technologies** | | | |
| Pollution Control (Waste-Water) | 16 | 0 | 0 |
| **Public Service & Related Technologies** | | | |
| Child Care/Pre-Elementary Education | 0 | 15 | 0 |
| Police Science (Law Enforcement) | 0 | 15 | 0 |
| Social Work Assistant | 16 | 30 | 0 |
| Urban and Regional Planning | 16 | 0 | 0 |

TABLE G-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO HARRISBURG/STEELTON-HIGHSPIRE AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Traditional College Majors | | | |
| Social Sciences | 16 | 45 | 14 |
| Natural Sciences | 47 | 30 | 0 |
| Physical Sciences | 0 | 15 | 0 |
| Mathematics | 0 | 15 | 0 |
| Communications | 31 | 15 | 0 |
| Fine Arts | 0 | 15 | 0 |
| Business Administration | 0 | 0 | 14 |
| Education | 16 | 0 | 0 |
| Program Not Listed and Blanks | 63 | 45 | 28 |

TABLE G-13
NUMBER OF RESPONDENTS, ACTUAL ENROLLMENT AND FACTORS USED FOR FEEDER HIGH SCHOOLS*
TO DAUPHIN COUNTY AVTS

| | # in Sample | Actual Enrollment (1975-76) | Factor |
|---|---|---|---|
| 10th grade | 140 | 2168 | 15.50 |
| 11th grade | 142 | 2112 | 14.88 |
| 12th grade | 144 | 1983 | 13.77 |
| Total | 426 | 6263 | 14.70 |

*Feeder High Schools include those located in the following School Districts:

Central Dauphin
Derry Township
Halifax Area
Lower Dauphin
Middletown Area
Susquehanna Twp.

TABLE G-14
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Agri-Business and Natural Resources** | | | |
| Farmers and Farm Managers | 46 | 30 | 28 |
| Land and Water Management | 124 | 89 | 83 |
| Mining and Quarrying positions | 0 | 0 | 14 |
| **Business & Office Occupations** | | | |
| Accountants | 93 | 104 | 83 |
| Office Supervision | 46 | 15 | 41 |
| Bookkeeper | 0 | 0 | 14 |
| Secretary-Stenographer | 170 | 238 | 179 |
| Clerical | 16 | 30 | 83 |
| Cashier | 16 | 60 | 0 |
| Office Machine Operator | 0 | 15 | 14 |
| Systems Analyst | 0 | 0 | 14 |
| Computer Programmer or Operator | 0 | 60 | 28 |
| Keypuncher | 0 | 45 | 0 |
| Maintenance | 0 | 15 | 0 |
| **Communications and Media** | | | |
| Graphic Arts | 62 | 15 | 14 |
| Newspaper/Printing occupations | 0 | 30 | 69 |
| Commercial Art | 0 | 60 | 41 |
| Photographer or Lithographer | 16 | 15 | 28 |
| Recordings positions | 0 | 0 | 14 |
| Radio positions | 16 | 0 | 0 |
| Television positions | 0 | 15 | 14 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 46 | 30 | 14 |
| Engineers | 62 | 15 | 41 |
| Carpenter | 124 | 60 | 69 |
| Painter | 0 | 0 | 14 |
| Plumber | 0 | 0 | 14 |
| Electrician | 62 | 15 | 14 |
| Roofer | 0 | 15 | 0 |
| Welder | 0 | 0 | 14 |
| Masonry | 46 | 0 | 14 |
| Equipment Operators | 0 | 15 | 0 |
| Interior Design, Decoration, Furnishing | 16 | 60 | 28 |
| Landscaping | 0 | 0 | 14 |

TABLE C-14 (Cont.)
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Services Related to Consumers & Homemakers** | | | |
| Food Product Development, Testing, Delivery | 0 | 0 | 28 |
| Clothing Apparel & Textile Industry | 16 | 30 | 28 |
| Child Care and Guidance | 0 | 30 | 0 |
| Teaching | 46 | 134 | 55 |
| Family and Community Services | 16 | 30 | 14 |
| **Environment** | | | |
| Soil & Mineral Conservation & Control | 0 | 0 | 14 |
| Space & Atmospheric Monitoring & Control | 16 | 0 | 14 |
| Environmental Health Services | 16 | 0 | 0 |
| Control of Urban/Rural Manmade Environment | 0 | 15 | 14 |
| **Fine Arts and Humanities** | | | |
| Entertainers and Performers | 62 | 30 | 28 |
| **Health Occupations** | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 62 | 89 | 96 |
| Nurse, R.N. | 93 | 134 | 41 |
| Nurse, L.P.N. | 16 | 0 | 28 |
| Medical and Dental Assistant | 16 | 0 | 0 |
| Other Health Service workers | 78 | 89 | 41 |
| **Hospitality and Recreation** | | | |
| Recreation Occupations | 0 | 0 | 14 |
| Restaurant Occupations | 31 | 15 | 14 |
| **Manufacturing** | | | |
| Supervision and Product Development | 0 | 15 | 0 |
| Machine Operators | 0 | 15 | 0 |
| **Marketing & Distribution Occupations** | | | |
| Advertisement Management and Writing | 0 | 0 | 14 |
| Retail or Wholesale Business | 31 | 74 | 69 |
| Warehousing | 0 | 0 | 14 |
| Marketing Services | 16 | 0 | 28 |
| **Personal Services Occupations** | | | |
| Beauticians and Barbers | 78 | 30 | 55 |
| Domestic Service | 0 | 0 | 14 |
| Mortuary Science | 16 | 15 | 0 |

TABLE G-14 (Cont.)
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Transportation** | | | |
| Truckdrivers and Trucking Occupations | 93 | 45 | 0 |
| Auto and Truck Mechanics | 46 | 45 | 41 |
| Aerospace Transportation | 31 | 89 | 41 |
| **Public Service & Related Occupations** | | | |
| Federal, State & Local Agencies | 0 | 0 | 28 |
| Military Service | 31 | 0 | 41 |
| Police and Firefighters | 31 | 15 | 41 |
| Legal Services: Judges, Lawyers | 78 | 45 | 55 |
| **Housewife** | 31 | 45 | 28 |
| **Others** | | | |
| Clergy and Ministerial Services | 0 | 15 | 0 |
| Research Workers | 0 | 0 | 14 |
| Statistician | 0 | 15 | 0 |
| Scientist | 0 | 0 | 28 |
| Modeling | 46 | 0 | 14 |
| Airline Stewardess | 16 | 30 | 0 |
| Electronics & Appliance Repair | 16 | 15 | 0 |
| **Occupation Not Listed and Blanks** | 31 | 89 | 69 |

TABLE G-15
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 356 | 491 | 606 |
| Probably will enter | 1023 | 1086 | 826 |
| May not enter | 155 | 223 | 220 |
| Don't know and Blank | 450 | 432 | 358 |

TABLE G-16
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 31 | 15 | 0 |
| High school graduate | 450 | 610 | 551 |
| Post H.S. vocational training | 155 | 164 | 206 |
| Post H.S. business training | 264 | 208 | 110 |
| Some college | 46 | 119 | 69 |
| A.A. degree | 232 | 253 | 289 |
| Bachelor's degree | 558 | 446 | 399 |
| Post-baccalaureate degree | 186 | 283 | 248 |
| Other | 46 | 89 | 96 |
| (Blank) | 16 | 45 | 41 |

TABLE G-17
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 202 | 89 | 110 |
| FT job not requiring additional training | 279 | 446 | 537 |
| FT job requiring additional training | 155 | 193 | 138 |
| FT college student with no job | 232 | 476 | 386 |
| FT college student with PT job | 822 | 595 | 523 |
| PT college student with FT job | 108 | 134 | 110 |
| Other plans | 124 | 104 | 96 |
| Don't know and Blank | 62 | 194 | 110 |

TABLE G-18
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Within commuting distance of present home | 852 | 967 | 991 |
| Outside commuting distance of present home | 202 | 476 | 633 |
| Don't know and Blank | 930 | 789 | 386 |

TABLE G-19
REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 10th | | 11th | | 12th | | Total | |
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 465 | 403 | 402 | 402 | 578 | 303 | 1455 | 1102 |
| I have to start earning a living in order to support myself | 372 | 341 | 372 | 387 | 344 | 358 | 1088 | 1088 |
| It would cost more than my parents could afford | 232 | 186 | 223 | 193 | 151 | 248 | 603 | 632 |
| I don't like to study | 140 | 232 | 149 | 268 | 138 | 165 | 426 | 662 |
| My high school grades are too low | 170 | 232 | 60 | 253 | 124 | 151 | 353 | 632 |
| I probably could not use additional education on the job | 93 | 155 | 119 | 178 | 83 | 193 | 294 | 529 |
| I would rather get married | 46 | 108 | 119 | 149 | 124 | 110 | 294 | 368 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 78 | 202 | 104 | 149 | 69 | 399 | 250 | 764 |
| I don't think I have the ability | 93 | 202 | 74 | 60 | 55 | 83 | 220 | 338 |
| My parents or guardians do not want me to go | 31 | 46 | 30 | 60 | 55 | 110 | 118 | 220 |
| Most of my friends will not go to school or college after high school | 31 | 93 | 15 | 89 | 14 | 124 | 59 | 309 |

TABLE C-20
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 124 | 253 | 220 |
| Post H.S. commercial or business school | 294 | 238 | 124 |
| Community college or 2-year university extension, PT | 124 | 208 | 165 |
| Community college or 2-year university extension, FT | 341 | 283 | 386 |
| 4-year college or university, PT | 78 | 45 | 14 |
| 4-year college or university, FT | 558 | 655 | 482 |
| No plans for school or college | 279 | 283 | 358 |
| Military service | 0 | 15 | 28 |
| Other plans | 78 | 134 | 110 |
| (Blank) | 108 | 119 | 124 |

TABLE G-21
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 496 | 595 | 1005 |
| Likely to attend | 604 | 640 | 220 |
| May possibly attend | 372 | 506 | 248 |
| Not planning to attend | 341 | 402 | 399 |
| (Blank) | 170 | 89 | 138 |

TABLE G-22
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Penna. Community Colleges** | | | |
| H.A.C.C. | 264 | 283 | 468 |
| Williamsport Area Comm. College | 0 | 0 | 14 |
| **Penna. State Colleges** | | | |
| Clarion | 0 | 15 | 14 |
| Indiana University of Penna. | 16 | 0 | 28 |
| Kutztown | 0 | 15 | 14 |
| Lock Haven | 0 | 0 | 14 |
| Millersville | 31 | 15 | 14 |
| Shippensburg | 0 | 60 | 28 |
| Slippery Rock | 0 | 30 | 14 |
| **Penna. State-Related Universities** | | | |
| Penna. State University | 46 | 119 | 110 |
| Temple | 16 | 15 | 0 |
| University of Pittsburgh | 0 | 15 | 14 |
| **Penna. Private 2-Year Colleges** | | | |
| Ellen Cushing Jr. College | 0 | 0 | 14 |
| Central Penna. Business School | 16 | 30 | 14 |
| Harcum Junior College | 16 | 0 | 0 |
| Thompson Institute | 16 | 0 | 14 |
| **Penna. Private 4-Year Colleges/Universities** | | | |
| Dickinson | 16 | 0 | 0 |
| Elizabethtown | 31 | 15 | 0 |
| Franklin & Marshall | 0 | 0 | 14 |
| Gettysburg | 0 | 15 | 0 |
| Grove City | 16 | 0 | 0 |
| Lebanon Valley | 16 | 30 | 28 |
| Lincoln | 16 | 0 | 0 |
| Muhlenberg | 0 | 0 | 14 |
| Robert Morris | 0 | 0 | 14 |
| Seton Hill | 0 | 0 | 14 |
| **Other Penna. Schools** | | | |
| Chester Hosp. School of Nursing | 0 | 15 | 0 |
| Empire Beauty School | 16 | 0 | 0 |
| Harrisburg School of Beauty Culture | 16 | 0 | 14 |

TABLE G-22 (Cont.)
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Other Penna. Schools (cont.) | | | |
| Lancaster Gen'l Hosp. Sch. of Nursing | 0 | 15 | 0 |
| PMTA Truck Driving School | 16 | 0 | 0 |
| St. Joseph's Hosp. Sch. of Nursing | 0 | 0 | 14 |
| Stevens Trade School | 16 | 0 | 0 |
| West Shore Beauty Academy | 0 | 0 | 14 |
| York Academy of Arts | 0 | 30 | 0 |
| Out-of-State | 191 | 120 | 154 |
| (Blank) | 1240 | 1399 | 964 |

TABLE G-23
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Immediately after H.S. | 976 | 1131 | 1060 |
| After military service | 78 | 45 | 41 |
| After working a year or longer | 264 | 283 | 193 |
| Not sure when | 279 | 327 | 234 |
| No plans for school or college at any time | 279 | 372 | 372 |
| (Blank) | 108 | 74 | 110 |

TABLE G-24
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Business & Commerce Technologies** | | | |
| Accounting | 78 | 89 | 69 |
| Banking and Finance | 0 | 0 | 14 |
| Bookkeeping | 16 | 0 | 0 |
| Business Administration | 16 | 30 | 28 |
| Business Education | 46 | 60 | 69 |
| Business Machine Maintenance | 0 | 15 | 0 |
| Business Management | 46 | 15 | 14 |
| Commercial Art | 16 | 60 | 41 |
| Communication Media | 0 | 15 | 28 |
| Cosmetology | 46 | 45 | 41 |
| Court Reporting | 16 | 0 | 28 |
| Data Processing | 0 | 45 | 41 |
| Distributive Education | 0 | 15 | 0 |
| Food Services | 16 | 15 | 28 |
| Graphic Arts & Printing | 16 | 0 | 14 |
| Hotel-Motel & Restaurant Mgmt. | 31 | 0 | 28 |
| Keypunch Operator | 0 | 0 | 14 |
| Photography | 31 | 15 | 14 |
| Real Estate | 0 | 15 | 0 |
| Retailing | 16 | 15 | 0 |
| Secretarial Science | 46 | 134 | 55 |
| Textile & Apparel Arts | 31 | 15 | 14 |
| Traffic Transportation Tech | 0 | 15 | 0 |
| **Health Services & Paramedical Tech** | | | |
| Dental Assistant | 0 | 0 | 14 |
| Dental Hygiene | 16 | 0 | 14 |
| Emergency Medical Services | 0 | 30 | 0 |
| Health Assistant | 16 | 0 | 14 |
| Medical Laboratory Technology | 0 | 0 | 28 |
| Medical Secretary | 16 | 60 | 14 |
| Mental Health Aide | 0 | 15 | 0 |
| Mortuary Science | 16 | 0 | 0 |
| Nursing Home Administration | 0 | 0 | 14 |
| Nursing, Practical | 0 | 0 | 28 |
| Nursing, R.N. | 78 | 119 | 28 |
| Physical Therapist | 46 | 15 | 0 |
| Radiological Technology | 0 | 15 | 0 |
| Speech Pathology | 0 | 15 | 0 |
| Therapeutic Dietician & Nutritionist | 0 | 0 | 28 |

TABLE G-24 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Mechanical & Engineering Technologies** | | | |
| Aeronautical Technology | 0 | 0 | 28 |
| Aircraft Maintenance | 0 | 0 | 14 |
| Air Traffic Control | 0 | 15 | 0 |
| Architectural Building Technology | 0 | 0 | 14 |
| Auto Mechanics | 46 | 30 | 14 |
| Aviation Science | 16 | 15 | 14 |
| Building Construction & Maintenance | 16 | 15 | 0 |
| Carpentry | 78 | 45 | 28 |
| Diesel Mechanics | 31 | 15 | 0 |
| Drafting & Design Technology | 16 | 30 | 0 |
| Electricity, Industrial (Construction) | 16 | 0 | 0 |
| Electro-Mechanical Engineering Tech | 0 | 15 | |
| Electronic Repair & Maintenance | 31 | 30 | 0 |
| Electronics Technology | 31 | 0 | 41 |
| Machine Shop | 16 | 0 | 0 |
| Masonry | 0 | 0 | 14 |
| **Natural Science Technologies** | | | |
| Agriculture | 16 | 15 | 14 |
| Biological Technology | 46 | 0 | 14 |
| Environmental Health Technology | 16 | 15 | 28 |
| Forest Technology | 31 | 30 | 28 |
| Horticulture & Landscaping | 16 | 0 | 14 |
| **Public Service & Related Technologies** | | | |
| Child Care/Pre-Elementary Education | 0 | 30 | 0 |
| Fire-Fighting/Safety Technology | 31 | 0 | 0 |
| Para-Legal (Legal Assistant) | 16 | 0 | 14 |
| Police Science (Law Enforcement) | 31 | 45 | 69 |
| Recreation Program Leadership | 0 | 0 | 14 |
| Social Work Assistant | 0 | 0 | 28 |
| Vocational Teacher Training | 0 | 0 | 14 |
| **Traditional College Majors** | | | |
| Engineering | 62 | 30 | 28 |
| Social Sciences | 62 | 119 | 69 |
| Natural Sciences | 93 | 179 | 96 |
| Physical Sciences | 31 | 60 | 69 |
| Mathematics | 0 | 30 | 14 |

TABLE G-24 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO DAUPHIN COUNTY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Traditional College Majors (cont.) | | | |
| Communications | 46 | 60 | 55 |
| Fine Arts | 93 | 74 | 55 |
| Business Administration | 31 | 15 | 28 |
| Education | 31 | 60 | 28 |
| Others | | | |
| Modeling | 16 | 0 | 14 |
| Truck Driver | 0 | 15 | 0 |
| Airline Stewardess | 0 | 15 | 0 |
| Military Service | 0 | 30 | 0 |
| Program Not Listed and Blanks | 357 | 327 | 441 |

TABLE G-25
NUMBER OF RESPONDENTS, ACTUAL ENROLLMENT, AND FACTOR USED FOR FEEDER HIGH SCHOOLS*
TO CUMBERLAND/PERRY AVTS

| | # in Sample | Actual Enrollment (1975-76) | Factor |
|---|---|---|---|
| 10th grade | 230 | 3,535 | 15.38 |
| 11th grade | 228 | 3,380 | 14.84 |
| 12th grade | 228 | 3,112 | 13.66 |
| Total | 686 | 10,027 | 14.62 |

* Feeder High Schools include those located in the following School Districts:

Big Spring
Camp Hill
Cumberland Valley
East Pennsboro
Greenwood
Mechanicsburg
Newport
Northern York
South Middleton
Susquenita
West Perry
West Shore

TABLE G-26
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Agri-Business & Natural Resources** | | | |
| Farmers and Farm Managers | 108 | 45 | 41 |
| Land and Water Management | 108 | 89 | 96 |
| Petroleum & Related Products | 0 | 15 | 0 |
| **Business & Office Occupations** | | | |
| Accountants | 246 | 134 | 96 |
| Office Supervision | 62 | 0 | 55 |
| Bookkeeper | 46 | 15 | 14 |
| Secretary-Stenographer | 277 | 326 | 178 |
| Clerical | 77 | 89 | 137 |
| Cashier | 31 | 15 | 27 |
| Systems Analyst | 0 | 15 | 41 |
| Computer Programmer or Operator | 15 | 59 | 109 |
| Keypuncher | 15 | 15 | 14 |
| Maintenance | 15 | 0 | 0 |
| **Communications & Media** | | | |
| Graphic Arts | 15 | 44 | 27 |
| Newspaper/Printing positions | 31 | 30 | 55 |
| Commercial Art | 0 | 89 | 27 |
| Photographer or Lithographer | 15 | 15 | 0 |
| Recordings positions | 15 | 0 | 14 |
| Radio positions | 62 | 15 | 27 |
| Television positions | 0 | 15 | 27 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 77 | 30 | 27 |
| Engineers | 77 | 119 | 68 |
| Carpenter | 123 | 59 | 123 |
| Painter | 31 | 30 | 0 |
| Plumber | 31 | 30 | 0 |
| Electrician | 62 | 30 | 27 |
| Metal Worker | 0 | 0 | 14 |
| Welder | 15 | 15 | 0 |
| Masonry | 15 | 30 | 14 |
| Equipment Operators | 92 | 15 | 0 |
| Interior Design, Decoration, Furnishing | 77 | 15 | 41 |
| Landscaping | 0 | 15 | 14 |

TABLE G-26 (Cont.)
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Services Related to Consumers & Homemakers** | | | |
| Food Product Development, Testing, Delivery | 31 | 0 | 14 |
| Clothing Apparel & Textile Industry | 15 | 59 | 14 |
| Child Care & Guidance | 31 | 59 | 27 |
| Teaching | 200 | 89 | 82 |
| Family & Community Services | 62 | 59 | 41 |
| **Environment** | | | |
| Space & Atmospheric Monitoring & Control | 15 | 0 | 0 |
| Environmental Health Services | 0 | 0 | 14 |
| Control of Urban/Rural Manmade Environment | 0 | 15 | 0 |
| **Fine Arts and Humanities** | | | |
| Entertainers and Performers | 15 | 74 | 123 |
| Creative Writing | 46 | 59 | 14 |
| **Health Occupations** | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 246 | 208 | 123 |
| Nurse, R.N. | 108 | 30 | 41 |
| Nurse, L.P.N. | 0 | 0 | 14 |
| Medical and Dental Assistant | 31 | 74 | 96 |
| Health Services Administrators | 15 | 0 | 0 |
| Other Health Service Workers | 62 | 163 | 123 |
| **Hospitality and Recreation** | | | |
| Hotel/Motel Occupations | 0 | 15 | 0 |
| Recreation Occupations | 0 | 30 | 0 |
| Restaurant Occupations | 15 | 15 | 27 |
| **Manufacturing** | | | |
| Assembly Worker | 0 | 15 | 14 |
| Machine Operators | 15 | 15 | 0 |
| **Marine Science Occupations** | | | |
| Fishing and Fisheries positions | 15 | 15 | 0 |
| Shipbuilding & Offshore Mineral Development | 0 | 0 | 14 |
| Ships Officers, Sailors, Hands | 0 | 15 | 14 |

TABLE G-26 (Cont.)
DESIRED OCCUPATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Marketing & Distribution Occupations | | | |
| Advertisement Management & Writing | 0 | 15 | 0 |
| Retail or Wholesale Business | 62 | 74 | 137 |
| Warehousing | 0 | 15 | 27 |
| Marketing Services | 15 | 44 | 0 |
| Personal Services Occupations | | | |
| Beauticians and Barbers | 77 | 74 | 14 |
| Transportation | | | |
| Truckdrivers and Trucking occupations | 46 | 89 | 55 |
| Auto & Truck Mechanics | 62 | 119 | 123 |
| Railway & Water Transport occupations | 15 | 15 | 0 |
| Aerospace Transportation | 46 | 0 | 14 |
| Public Service & Related Occupations | | | |
| Federal, State & Local Agencies | 15 | 15 | 82 |
| Military Service | 31 | 74 | 96 |
| Postal Services | 0 | 0 | 14 |
| Police and Firefighters | 92 | 74 | 55 |
| Legal Services: Judges, Lawyers | 46 | 44 | 68 |
| Housewife | 92 | 74 | 41 |
| Others | | | |
| Clergy and Ministerial Services | 15 | 15 | 41 |
| Librarians | 0 | 15 | 0 |
| Research Workers | 0 | 15 | 14 |
| Scientist | 31 | 15 | 41 |
| Modeling | 15 | 15 | 0 |
| Airline Stewardess | 0 | 44 | 14 |
| Electronics & Appliance Repair | 31 | 30 | 27 |
| Musical Instrument Repair | 0 | 0 | 14 |
| Occupation Not Listed and Blanks | 200 | 123 | 150 |

TABLE G-27
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 615 | 697 | 1011 |
| Probably will enter | 1769 | 1647 | 1366 |
| May not enter | 431 | 579 | 178 |
| Don't know and Blank | 738 | 593 | 574 |

TABLE G-28
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 46 | 44 | 14 |
| High school graduate | 1154 | 1098 | 888 |
| Post H.S. vocational training | 308 | 326 | 273 |
| Post H.S. business training | 323 | 163 | 164 |
| Some college | 77 | 15 | 191 |
| A.A. degree | 415 | 490 | 464 |
| Bachelor's degree | 615 | 712 | 669 |
| Post-baccalaureate degree | 400 | 504 | 382 |
| Other | 184 | 134 | 68 |
| (Blank) | 31 | 30 | 14 |

TABLE G-29
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 246 | 252 | 205 |
| FT job not requiring additional training | 846 | 757 | 860 |
| FT job requiring additional training | 292 | 430 | 342 |
| FT college student with no job | 369 | 460 | 451 |
| FT college student with PT job | 1123 | 979 | 820 |
| PT college student with FT job | 138 | 148 | 137 |
| Other plans | 123 | 282 | 232 |
| Don't know and Blank | 415 | 207 | 82 |

TABLE G-30
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Within commuting distance of present home | 1215 | 1439 | 1626 |
| Outside commuting distance of present home | 492 | 816 | 997 |
| Don't know and Blank | 1845 | 1261 | 506 |

TABLE G-31

REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION REPORTED BY FEEDER HIGH SCHOOL STUDENTS TO CUMBERLAND/PERRY AVTS

| | Projected Number | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 10th | | 11th | | 12th | | Total | |
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 677 | 800 | 890 | 697 | 779 | 533 | 2354 | 2018 |
| I have to start earning a living in order to support myself | 630 | 615 | 564 | 683 | 574 | 451 | 1769 | 1740 |
| It would cost more than my parents could afford | 369 | 461 | 386 | 386 | 300 | 464 | 1053 | 1316 |
| I would rather get married | 308 | 292 | 297 | 237 | 205 | 123 | 804 | 643 |
| I don't like to study | 215 | 369 | 312 | 282 | 150 | 287 | 672 | 936 |
| My high school grades are too low | 184 | 461 | 208 | 430 | 137 | 273 | 526 | 1155 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 154 | 369 | 119 | 401 | 191 | 273 | 468 | 1038 |
| I probably could not use additional education on the job | 184 | 338 | 148 | 326 | 109 | 137 | 439 | 789 |
| I don't think I have the ability | 123 | 384 | 193 | 178 | 82 | 150 | 395 | 702 |
| Most of my friends will not go to school or college after high school | 123 | 154 | 59 | 134 | 0 | 55 | 175 | 336 |
| My parents or guardians do not want me to go | 77 | 108 | 30 | 74 | 41 | 41 | 146 | 219 |

TABLE G-32
TYPE OF SCHOOL PLANNING TO ATTEND FIRST REPORTED BY FEEDER HIGH SCHOOL STUDENTS TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 308 | 312 | 287 |
| Post H.S. commercial or business school | 415 | 312 | 232 |
| Community college or 2-year university extension, PT | 261 | 252 | 232 |
| Community college or 2-year university extension, FT | 338 | 341 | 396 |
| 4-year college or university, PT | 123 | 44 | 137 |
| 4-year college or university, FT | 954 | 1024 | 874 |
| No plans for school or college | 830 | 742 | 601 |
| Military service | 46 | 134 | 55 |
| Other plans | 154 | 163 | 205 |
| (Blank) | 123 | 193 | 109 |

TABLE G-33
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 784 | 944 | 1530 |
| Likely to attend | 1077 | 831 | 369 |
| May possibly attend | 692 | 742 | 464 |
| Not planning to attend | 815 | 786 | 669 |
| (Blank) | 184 | 163 | 96 |

TABLE G-34
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Penna. Community Colleges** | | | |
| H.A.C.C. | 231 | 386 | 328 |
| Williamsport Area Comm. Coll. | 15 | 30 | 55 |
| **Penna. State Colleges** | | | |
| Bloomsburg | 0 | 15 | 27 |
| Clarion | 0 | 0 | 41 |
| East Stroudsburg | 0 | 0 | 14 |
| Indiana University of Penna. | 15 | 44 | 55 |
| Kutztown | 0 | 15 | 0 |
| Lock Haven | 46 | 0 | 14 |
| Mansfield | 15 | 15 | 27 |
| Millersville | 0 | 0 | 14 |
| Shippensburg | 15 | 15 | 27 |
| West Chester | 15 | 15 | 14 |
| **Penna. State-Related Universities** | | | |
| Penna. State University | 154 | 74 | 178 |
| " -Altoona | 0 | 0 | 14 |
| Temple | 0 | 15 | 0 |
| University of Pittsburgh | 0 | 15 | 27 |
| **Penna. Private 2-Year Colleges** | | | |
| Central Penna. Business School | 77 | 59 | 137 |
| Penna. Jr. College of Medical Arts | 0 | 0 | 14 |
| Thompson Institute | 46 | 15 | 0 |
| Valley Forge Military Academy | 0 | 0 | 14 |
| **Penna. Private 4-Year Colleges/Universities** | | | |
| Bucknell | 0 | 15 | 14 |
| Carnegie Mellon | 0 | 0 | 14 |
| Dickinson | 15 | 15 | 27 |
| Duquesne | 0 | 15 | 0 |
| Franklin & Marshall | 0 | 0 | 14 |
| Gannon | 0 | 0 | 14 |
| Gettysburg | 0 | 0 | 14 |
| Grove City | 0 | 15 | 14 |
| Juniata | 0 | 0 | 41 |
| Lehigh | 0 | 30 | 14 |
| Lycoming | 0 | 0 | 14 |
| Messiah | 15 | 0 | 41 |
| Susquehanna | 0 | 15 | 0 |

TABLE G-34 (Cont.)
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Penna. Private 4-Year Colleges (cont.) | | | |
| University of Pennsylvania | 15 | 44 | 0 |
| Ursinus | 0 | 0 | 14 |
| York College | 15 | 0 | 41 |
| Other Penna. Schools | | | |
| Art Institute of Pittsburgh | 15 | 0 | 0 |
| Cumberland/Perry AVTS | 0 | 0 | 14 |
| Empire Beauty School | 0 | 15 | 14 |
| Stevens Trade School | 0 | 0 | 14 |
| West Shore Barber School | 0 | 15 | 0 |
| West Shore Beauty Academy | 15 | 0 | 0 |
| York Academy of Arts | 0 | 0 | 14 |
| York Hospital School of Nursing | 15 | 0 | 14 |
| Out-of-State | 75 | 450 | 322 |
| (Blank) | 2737 | 2181 | 1475 |

TABLE 35
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| Immediately after H.S. | 1384 | 1499 | 1489 |
| After military service | 154 | 104 | 82 |
| After working a year or longer | 600 | 504 | 328 |
| Not sure when | 523 | 460 | 437 |
| No plans for school or college at any time | 738 | 801 | 642 |
| (Blank) | 154 | 148 | 150 |

TABLE C-36
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Business & Commerce Technologies** | | | |
| Accounting | 200 | 119 | 82 |
| Banking and Finance | 15 | 30 | 14 |
| Bookkeeping | 46 | 15 | 0 |
| Business Administration | 15 | 0 | 68 |
| Business Education | 31 | 30 | 68 |
| Business Machine Maintenance | 15 | 0 | 0 |
| Business Management | 108 | 15 | 55 |
| Commercial Art | 15 | 119 | 27 |
| Communication Media | 31 | 0 | 55 |
| Cosmetology | 62 | 44 | 27 |
| Court Reporting | 0 | 0 | 14 |
| Data Processing | 46 | 59 | 123 |
| Food Services | 15 | 15 | 14 |
| Graphic Arts & Printing | 46 | 0 | 14 |
| Insurance (CLU) | 0 | 44 | 0 |
| Keypunch Operator | 15 | 30 | 27 |
| Labor & Industrial Relations | 15 | 0 | 0 |
| Photography | 0 | 30 | 14 |
| Retailing | 15 | 89 | 41 |
| Secretarial Science | 138 | 163 | 68 |
| Textile & Apparel Arts | 31 | 44 | 41 |
| Theatre Arts | 15 | 0 | 14 |
| **Health Services & Paramedical Tech** | | | |
| Dental Assistant | 15 | 59 | 14 |
| Dental Hygiene | 0 | 15 | 27 |
| Dental Laboratory Technology | 0 | 15 | 0 |
| Emergency Medical Services | 15 | 0 | 0 |
| Health Assistant | 0 | 15 | 55 |
| Medical Laboratory Technology | 31 | 15 | 55 |
| Medical Secretary | 15 | 15 | 14 |
| Mental Health Aide | 0 | 0 | 27 |
| Nuclear Medical Technician | 0 | 30 | 0 |
| Nursing, R.N. | 92 | 44 | 55 |
| Occupational Therapy | 31 | 0 | 14 |
| Physical Therapist | 15 | 30 | 14 |
| Radiological Technology | 0 | 0 | 14 |
| Speech Pathology | 0 | 30 | 14 |
| Therapeutic Dietician & Nutritionist | 31 | 0 | 0 |

TABLE G-36 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Mechanical & Engineering Technologies** | | | |
| Aeronautical Technology | 62 | 0 | 0 |
| Air Conditioning and Heating | 15 | 0 | 14 |
| Aircraft Maintenance | 15 | 15 | 14 |
| Air Traffic Control | 0 | 0 | 14 |
| Architectural Building Technology | 46 | 30 | 27 |
| Auto Service Specialist | 0 | 0 | 27 |
| Auto Body Repair | 15 | 15 | 14 |
| Auto Mechanics | 31 | 89 | 96 |
| Aviation Science | 46 | 0 | 14 |
| Building Construction & Maintenance | 0 | 15 | 0 |
| Carpentry | 108 | 15 | 82 |
| Civil Technology/Surveying | 15 | 15 | 0 |
| Diesel Mechanics | 15 | 15 | 0 |
| Electricity, Industrial (Construction) | 15 | 0 | 0 |
| Electro-Mechanical Engineering Tech | 15 | 0 | 0 |
| Electronic Repair & Maintenance | 15 | 59 | 27 |
| Electronics Technology | 62 | 30 | 41 |
| Instrumentation Technology | 0 | 15 | 0 |
| Machine Shop | 15 | 0 | 14 |
| Masonry | 31 | 15 | 0 |
| Mechanical Technology | 15 | 30 | 27 |
| Nuclear Technology | 15 | 0 | 14 |
| Welding/Sheet Metal Work | 0 | 30 | 0 |
| **Natural Science Technologies** | | | |
| Agriculture | 92 | 30 | 41 |
| Biological Technology | 31 | 30 | 14 |
| Environmental Health Technology | 0 | 0 | 14 |
| Forest Technology | 62 | 30 | 82 |
| Horticulture & Landscaping | 31 | 0 | 0 |
| **Public Service & Related Technologies** | | | |
| Child Care/Pre-Elementary Education | 77 | 44 | 14 |
| Fire-Fighting/Safety Technology | 31 | 15 | 14 |
| Para-Legal (Legal Assistant) | 0 | 30 | 27 |
| Penal & Correctional Technology | 0 | 0 | 14 |
| Police Science (Law Enforcement) | 123 | 89 | 96 |
| Recreation Program Leadership | 0 | 15 | 0 |
| Social Work Assistant | 46 | 44 | 14 |
| Urban and Regional Planning | 0 | 15 | 0 |

TABLE G-36 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY FEEDER HIGH SCHOOL STUDENTS
TO CUMBERLAND/PERRY AVTS

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Traditional College Majors | | | |
| Engineering | 62 | 119 | 68 |
| Social Sciences | 169 | 119 | 191 |
| Natural Sciences | 169 | 193 | 96 |
| Physical Sciences | 31 | 44 | 41 |
| Mathematics | 15 | 44 | 0 |
| Communications | 77 | 148 | 96 |
| Fine Arts | 46 | 134 | 109 |
| Business Administration | 15 | 44 | 41 |
| Education | 138 | 89 | 82 |
| Others | | | |
| Home Economics | 15 | 30 | 0 |
| Modeling | 0 | 15 | 14 |
| Equipment Operator | 15 | 0 | 0 |
| Truck Driver | 0 | 0 | 14 |
| Airline Stewardess | 0 | 15 | 0 |
| Military Service | 15 | 30 | 14 |
| Program Not Listed and Blanks | 615 | 653 | 546 |

APPENDIX H

EAST AND WEST SHORE HIGH SCHOOLS AND AVTS'S COMBINED

TABLE H-1
DESIRED OCCUPATION
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| **Agri-Business and Natural Resources** | | | | |
| Farmers and Farm Managers | 52 | 39 | 33 | 0 |
| Land and Water Management | 253 | 96 | 90 | 0 |
| Petroleum & Related Products positions | 0 | 2 | 0 | 0 |
| Mining and Quarrying positions | 0 | 0 | 14 | 0 |
| **Business and Office Occupations** | | | | |
| Accountants | 127 | 159 | 126 | 0 |
| Office Supervision | 63 | 16 | 42 | 0 |
| Bookkeeper | 23 | 19 | 44 | 0 |
| Secretary-Stenographer | 265 | 370 | 257 | 0 |
| Clerical | 29 | 35 | 101 | 0 |
| Cashier | 23 | 62 | 2 | 0 |
| Office Machine Operator | 1 | 17 | 16 | 0 |
| Systems Analyst | 6 | 1 | 30 | 0 |
| Computer Programmer or Operator | 40 | 75 | 80 | 0 |
| Keypuncher | 2 | 50 | 5 | 0 |
| Maintenance | 0 | 17 | 1 | 0 |
| **Communications and Media** | | | | |
| Graphic Arts | 89 | 27 | 35 | 0 |
| Newspaper/Printing occupations | 32 | 45 | 87 | 0 |
| Commercial Art | 10 | 128 | 75 | 0 |
| Photographer or Lithographer | 49 | 34 | 32 | 0 |
| Recordings positions | 17 | 2 | 16 | 0 |
| Radio positions | 17 | 18 | 4 | 0 |
| Television positions | 4 | 46 | 16 | 0 |
| Data Transmission positions | 0 | 0 | 1 | 0 |
| Telegraph and Telephone positions | 0 | 0 | 1 | 0 |
| **Construction** | | | | |
| Architects, Drafting & Blueprinting | 67 | 45 | 50 | 0 |
| Engineers | 85 | 60 | 64 | 0 |
| Carpenter | 129 | 141 | 96 | 0 |
| Painter | 0 | 5 | 15 | 0 |
| Plumber | 11 | 14 | 25 | 0 |
| Electrician | 136 | 51 | 51 | 0 |
| Roofer | 4 | 17 | 1 | 0 |
| Metal Worker | 6 | 18 | 3 | 0 |
| Welder | 14 | 15 | 24 | 0 |
| Masonry | 55 | 9 | 18 | 0 |

TABLE H-1 (Cont.)
DESIRED OCCUPATION
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Construction (cont.) | | | | |
| Contracting Office Operations | 0 | 1 | 0 | 0 |
| Equipment Operators | 4 | 33 | 2 | 0 |
| Interior Design, Decoration, Furnishing | 21 | 65 | 30 | 1 |
| Landscaping | 2 | 1 | 15 | 0 |
| Services Related to Consumers & Homemakers | | | | |
| Food Product Development, Testing, Delivery | 5 | 25 | 52 | 0 |
| Clothing Apparel & Textile Industry | 21 | 38 | 65 | 1 |
| Child Care & Guidance | 20 | 33 | 0 | 0 |
| Teaching | 95 | 179 | 100 | 0 |
| Family & Community Services | 62 | 93 | 33 | 0 |
| Institutional/Household Maintenance Svcs. | 1 | 1 | 0 | 0 |
| Environment | | | | |
| Soil & Mineral Conservation & Control | 16 | 15 | 14 | 0 |
| Space & Atmospheric Monitoring & Control | 17 | 0 | 14 | 0 |
| Environmental Health Services | 17 | 0 | 1 | 0 |
| Control of Urban/Rural Manmade Environment | 16 | 15 | 15 | 0 |
| Fine Arts & Humanities | | | | |
| Entertainers and Performers | 97 | 52 | 44 | 0 |
| Creative Writing | 0 | 19 | 0 | 0 |
| Health Occupations | | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 141 | 196 | 98 | 0 |
| Nurse, R.N. | 173 | 183 | 89 | 46 |
| Nurse, L.P.N. | 19 | 4 | 43 | 23 |
| Medical & Dental Assistant | 32 | 19 | 15 | 0 |
| Other Health Service Workers | 100 | 147 | 92 | 0 |
| Hospitality and Recreation | | | | |
| Recreation occupations | 0 | 0 | 42 | 0 |
| Restaurant occupations | 35 | 19 | 34 | 0 |
| Manufacturing | | | | |
| Assembly worker | 0 | 1 | 0 | 0 |
| Supervision & Product Development | 0 | 15 | 0 | 0 |
| Machine Operators | 35 | 30 | 24 | 0 |
| Maintenance | 2 | 1 | 1 | 0 |

TABLE H-1 (Cont.)
DESIRED OCCUPATION
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Marine Science Occupations | | | | |
| Fishing and Fisheries | 1 | 2 | 0 | 0 |
| Shipbuilding & Offshore Mineral Dvlpmt. | 0 | 0 | 1 | 0 |
| Marketing and Distribution Occupations | | | | |
| Advertisement Management & Writing | 17 | 1 | 14 | 0 |
| Retail or Wholesale Business | 69 | 100 | 125 | 0 |
| Warehousing | 0 | 1 | 15 | 0 |
| Marketing Services | 41 | 16 | 56 | 0 |
| Personal Services Occupations | | | | |
| Beauticians and Barbers | 122 | 52 | 71 | 1 |
| Domestic Service | 0 | 0 | 14 | 0 |
| Mortuary Science | 16 | 15 | 0 | 0 |
| Transportation | | | | |
| Truckdrivers & Trucking Occupations | 103 | 69 | 9 | 0 |
| Cab Drivers & Deliverypersons | 1 | 0 | 14 | 0 |
| Auto & Truck Mechanics | 127 | 134 | 102 | 0 |
| Railway & Water Transport Occupations | 0 | 1 | 0 | 0 |
| Aerospace Transportation positions | 48 | 91 | 73 | 0 |
| Public Service & Related Occupations | | | | |
| Federal, State & Local Agencies positions | 1 | 0 | 41 | 0 |
| Military Service | 49 | 20 | 45 | 0 |
| Postal Services | 0 | 0 | 5 | 0 |
| Police and Firefighter | 50 | 48 | 73 | 0 |
| Legal Services: Judges, Lawyers | 111 | 45 | 85 | 0 |
| Housewife | 52 | 48 | 32 | 0 |
| Others | | | | |
| Clergy & Ministerial Services | 0 | 16 | 29 | 0 |
| Research Workers | 1 | 2 | 14 | 0 |
| Statistician | 0 | 15 | 1 | 0 |
| Scientist | 20 | 20 | 29 | 0 |
| Modeling | 48 | 2 | 14 | 0 |
| Airline Stewardess | 31 | 35 | 0 | 0 |
| Electronics & Appliance Repair | 26 | 26 | 11 | 0 |
| Occupation Not Listed and Blanks | 93 | 201 | 122 | 0 |

TABLE H-2
GREATEST AMOUNT OF EDUCATION DESIRED
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Less than high school | 37 | 19 | 3 | 0 |
| High school graduate | 964 | 1048 | 894 | 0 |
| Post H.S. vocational training | 318 | 381 | 389 | 20 |
| Post H.S. business training | 386 | 308 | 185 | 0 |
| Some college | 116 | 167 | 84 | 13 |
| A.A. degree | 438 | 438 | 482 | 27 |
| Bachelor's degree | 891 | 708 | 629 | 5 |
| Post-baccalaureate degree | 317 | 448 | 393 | 0 |
| Other | 171 | 179 | 136 | 3 |
| (Blank) | 18 | 82 | 48 | 1 |

TABLE H-3
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Military service | 393 | 200 | 161 | 2 |
| FT job not requiring additional training | 528 | 705 | 904 | 10 |
| FT job requiring additional training | 385 | 409 | 235 | 16 |
| FT college student with no job | 409 | 700 | 600 | 7 |
| FT college student with PT job | 1328 | 1020 | 870 | 19 |
| PT college student with FT job | 190 | 209 | 161 | 9 |
| Other plans | 261 | 236 | 156 | 6 |
| Don't know and Blank | 161 | 298 | 156 | 0 |

TABLE H-4
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Post H.S. vocational or technical school | 432 | 563 | 419 | 20 |
| Post H.S. commercial or business school | 472 | 369 | 224 | 0 |
| Community college or 2-year university extension, PT | 271 | 269 | 267 | 16 |
| Community college or 2-year university extension, FT | 439 | 475 | 620 | 19 |
| 4-year college or university, PT | 165 | 61 | 21 | 0 |
| 4-year college or university, FT | 955 | 1045 | 733 | 1 |
| No plans for school or college | 544 | 517 | 487 | 6 |
| Military service | 76 | 35 | 57 | 0 |
| Other plans | 157 | 267 | 174 | 3 |
| (Blank) | 145 | 176 | 241 | 4 |

TABLE H-5
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Immediately after H.S. | 1629 | 1800 | 1637 | 19 |
| After military service | 133 | 74 | 51 | 0 |
| After working a year or longer | 561 | 462 | 344 | 28 |
| Not sure when | 571 | 606 | 424 | 10 |
| No plans for school or college at any time | 589 | 687 | 585 | 4 |
| (Blank) | 172 | 147 | 202 | 8 |

TABLE H-6
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| **Business & Commerce Technologies** | | | | |
| Accounting | 109 | 142 | 114 | 0 |
| Banking and Finance | 0 | 3 | 14 | 0 |
| Bookkeeping | 35 | 19 | 3 | 0 |
| Business Administration | 50 | 48 | 74 | 0 |
| Business Education | 68 | 75 | 69 | 0 |
| Business Machine Maintenance | 0 | 18 | 0 | 0 |
| Business Management | 65 | 50 | 45 | 0 |
| Commercial Art | 27 | 115 | 74 | 0 |
| Communication Media | 0 | 15 | 44 | 0 |
| Cosmetology | 81 | 60 | 50 | 0 |
| Court Reporting | 17 | 0 | 28 | 0 |
| Data Processing | 44 | 58 | 66 | 0 |
| Distributive Education | 11 | 22 | 16 | 0 |
| Food Services | 35 | 24 | 35 | 0 |
| Graphic Arts & Printing | 22 | 4 | 32 | 0 |
| Hotel-Motel & Restaurant Mgmt. | 32 | 0 | 41 | 0 |
| Keypunch Operator | 1 | 7 | 17 | 0 |
| Photography | 49 | 18 | 18 | 0 |
| Real Estate | 16 | 15 | 0 | 0 |
| Retailing | 17 | 17 | 33 | 0 |
| Secretarial Science | 84 | 195 | 112 | 0 |
| Textile & Apparel Arts | 37 | 27 | 20 | 0 |
| Theatre Arts | 1 | 3 | 2 | 0 |
| Traffic Transportation Tech | 1 | 15 | 15 | 0 |
| **Health Services & Paramedical Tech** | | | | |
| Biomedical Electronics | 1 | 1 | 0 | 0 |
| Dental Assistant | 16 | 3 | 14 | 0 |
| Dental Hygiene | 16 | 0 | 14 | 0 |
| Dental Laboratory Technology | 1 | 0 | 2 | |
| Emergency Medical Services | 0 | 30 | 0 | 0 |
| Health Assistant | 19 | 2 | 29 | 0 |
| Inhalation Therapy | 0 | 5 | 5 | 0 |
| Medical Laboratory Technology | 34 | 7 | 42 | 0 |
| Medical Secretary | 62 | 79 | 29 | 0 |
| Mental Health Aide | 0 | 15 | 0 | 0 |
| Mortuary Science | 16 | 0 | 0 | 0 |
| Nuclear Medical Technician | 0 | 0 | 1 | 0 |
| Nursing Home Administration | 0 | 0 | 14 | 0 |
| Nursing, Practical | 3 | 2 | 45 | 8 |
| Nursing, R.N. | 143 | 165 | 45 | 44 |

TABLE H-6 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Health Services & Paramedical Tech (cont.) | | | | |
| Occupational Therapy | 0 | 1 | 0 | 0 |
| Physical Therapist | 63 | 30 | 1 | 0 |
| Radiological Technology | 1 | 32 | 0 | 0 |
| Speech Pathology | 0 | 15 | 14 | 0 |
| Therapeutic Dietician & Nutritionist | 0 | 0 | 28 | 0 |
| Mechanical & Engineering Technologies | | | | |
| Aeronautical Technology | 1 | 4 | 30 | 0 |
| Air Conditioning and Heating | 10 | 6 | 8 | 0 |
| Aircraft Maintenance | 1 | 1 | 31 | 0 |
| Air Traffic Control | 0 | 15 | 0 | 0 |
| Architectural Building Technology | 4 | 1 | 14 | 0 |
| Auto Service Specialist | 1 | 4 | 2 | 0 |
| Auto Body Repair | 7 | 4 | 5 | 0 |
| Auto Mechanics | 100 | 108 | 45 | 0 |
| Aviation Science | 46 | 15 | 28 | 0 |
| Building Construction & Maintenance | 33 | 29 | 5 | 0 |
| Carpentry | 151 | 85 | 45 | 0 |
| Chemical Technology | 23 | 5 | 1 | 0 |
| Civil Technology/Surveying | 0 | 1 | 15 | 0 |
| Diesel Mechanics | 32 | 19 | 5 | 0 |
| Drafting & Design Technology | 26 | 51 | 20 | 0 |
| Electricity, Industrial (Construction) | 44 | 26 | 4 | 0 |
| Electro-Mechanical Engineering Tech | 0 | 18 | 2 | 0 |
| Electronic Repair & Maintenance | 40 | 51 | 3 | 0 |
| Electronics Technology | 55 | 11 | 48 | 0 |
| Instrumentation Technology | 0 | 0 | 1 | 0 |
| Machine Shop | 64 | 25 | 8 | 0 |
| Masonry | 6 | 4 | 15 | 0 |
| Mechanical Technology | 31 | 0 | 1 | 0 |
| Metals Technology | 1 | 0 | 0 | 0 |
| Nuclear Technology | 0 | 0 | 2 | 0 |
| Welding/Sheet Metal Work | 31 | 12 | 4 | 0 |
| Natural Science Technologies | | | | |
| Agriculture | 17 | 30 | 16 | 0 |
| Biological Technology | 46 | 0 | 14 | 0 |
| Environmental Health Technology | 16 | 15 | 30 | 0 |
| Forest Technology | 81 | 49 | 31 | 0 |
| Horticulture & Landscaping | 22 | 3 | 17 | 0 |
| Pollution Control (Waste-Water) | 16 | 0 | 2 | 0 |
| Sanitation Technician | 0 | 2 | 0 | 0 |

TABLE H-6 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY EAST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | | |
|---|---|---|---|---|
| | 10th | 11th | 12th | Post |
| Public Service & Related Technologies | | | | |
| Child Care/Pre-Elementary Education | 37 | 46 | 3 | 0 |
| Commercial Security | 1 | 1 | 0 | 0 |
| Fire-Fighting/Safety Technology | 32 | 2 | 1 | 0 |
| Library Technology | 0 | 1 | 0 | 0 |
| Para-Legal (Legal Assistant) | 16 | 0 | 14 | 0 |
| Police Science (Law Enforcement) | 35 | 62 | 100 | 0 |
| Recreation Program Leadership | 0 | 0 | 30 | 0 |
| Social Work Assistant | 62 | 33 | 44 | 0 |
| Teacher's Aide | 0 | 1 | 2 | 0 |
| Urban and Regional Planning | 16 | 0 | 0 | 0 |
| Vocational Teacher Training | 1 | 1 | 15 | 0 |
| Traditional College Majors | | | | |
| Engineering | 102 | 32 | 46 | 0 |
| Social Sciences | 95 | 182 | 128 | 0 |
| Natural Sciences | 170 | 271 | 125 | 0 |
| Physical Sciences | 34 | 77 | 70 | 0 |
| Mathematics | 16 | 59 | 28 | 0 |
| Communications | 79 | 125 | 57 | 0 |
| Fine Arts | 124 | 107 | 75 | 0 |
| Business Administration | 34 | 32 | 42 | 0 |
| Education | 62 | 77 | 42 | 0 |
| Others | | | | |
| Vocational-Technical | 1 | 2 | 0 | 0 |
| Modeling | 17 | 0 | 14 | 0 |
| Equipment Operator | 0 | 1 | 1 | 0 |
| Truck Driver | 3 | 19 | 3 | 0 |
| Airline Stewardess | 0 | 17 | 0 | 0 |
| Military | 17 | 34 | 0 | 0 |
| Program Not Listed and Blanks | 619 | 652 | 756 | 17 |

TABLE H-7
DESIRED OCCUPATION
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Agri-Business and Natural Resources** | | | |
| Farmers and Farm Managers | 114 | 81 | 57 |
| Land and Water Management | 163 | 184 | 112 |
| Petroleum & Related Products positions | 0 | 15 | 0 |
| **Business & Office Occupations** | | | |
| Accountants | 247 | 209 | 140 |
| Office Supervision | 77 | 2 | 55 |
| Bookkeeper | 47 | 45 | 14 |
| Secretary-Stenographer | 397 | 353 | 192 |
| Clerical | 77 | 122 | 167 |
| Cashier | 68 | 17 | 27 |
| Systems Analyst | 2 | 17 | 71 |
| Computer Programmer or Operator | 23 | 93 | 129 |
| Keypuncher | 15 | 15 | 15 |
| Maintenance | 15 | 6 | 2 |
| **Communications and Media** | | | |
| Graphic Arts | 17 | 67 | 30 |
| Newspaper/Printing positions | 37 | 35 | 57 |
| Commercial Art | 31 | 95 | 60 |
| Photographer or Lithographer | 33 | 47 | 14 |
| Recordings positions | 15 | 4 | 14 |
| Radio positions | 81 | 14 | 43 |
| Television positions | 2 | 17 | 28 |
| Telegraph & Telephone positions | 2 | 0 | 2 |
| **Construction** | | | |
| Architects, Drafting & Blueprinting | 79 | 51 | 45 |
| Engineers | 124 | 185 | 88 |
| Carpenter | 213 | 123 | 152 |
| Painter | 31 | 29 | 0 |
| Plumber | 59 | 46 | 8 |
| Electrician | 111 | 73 | 29 |
| Roofer | 15 | 0 | 0 |
| Metal Worker | 0 | 2 | 16 |
| Welder | 33 | 17 | 6 |
| Masonry | 26 | 40 | 30 |
| Equipment Operators | 110 | 21 | 28 |
| Interior Design, Decoration, Furnishing | 78 | 34 | 55 |
| Landscaping | 2 | 19 | 18 |

TABLE H-7 (Cont.)
DESIRED OCCUPATION
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number 10th | 11th | 12th |
|---|---|---|---|
| **Services Related to Consumers & Homemakers** | | | |
| Food Product Development, Testing, Delivery | 31 | 0 | 28 |
| Clothing Apparel & Textile positions | 15 | 60 | 14 |
| Child Care & Guidance | 62 | 59 | 41 |
| Teaching | 231 | 150 | 151 |
| Family & Community Services | 79 | 59 | 70 |
| **Environment** | | | |
| Space & Atmospheric Monitoring, Control | 15 | 0 | 0 |
| Environmental Health Services | 0 | 0 | 14 |
| Control of Urban/Rural Manmade Environment | 2 | 15 | 0 |
| **Fine Arts and Humanities** | | | |
| Entertainers and Performers | 46 | 111 | 152 |
| Creative Writing | 46 | 60 | 14 |
| **Health Occupations** | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 248 | 154 | 138 |
| Nurse, R.N. | 139 | 44 | 68 |
| Nurse, L.P.N. | 15 | 15 | 34 |
| Medical and Dental Assistant | 31 | 89 | 104 |
| Health Services Administrators | 15 | 0 | 0 |
| Other Health Service workers | 94 | 239 | 211 |
| **Hospitality and Recreation** | | | |
| Hotel/Motel Occupations | 0 | 33 | 0 |
| Recreation Occupations | 15 | 45 | 41 |
| Restaurant Occupations | 31 | 29 | 30 |
| **Manufacturing** | | | |
| Assembly Worker | 0 | 14 | 14 |
| Machine Operator | 35 | 21 | 8 |
| Inspectors | 0 | 2 | 0 |
| Maintenance | 0 | 2 | 0 |
| **Marine Science Occupations** | | | |
| Fishing and Fisheries | 16 | 15 | 0 |
| Shipbuilding & Offshore Mineral Dvlpmt. | 0 | 0 | 14 |
| Ships Officers, Sailors, Hands | 0 | 17 | 14 |

TABLE H-7 (Cont.)
DESIRED OCCUPATION
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Marketing & Distribution Occupations | | | |
| Advertisement Management & Writing | 2 | 19 | 14 |
| Retail or Wholesale Business | 85 | 108 | 153 |
| Warehousing | 8 | 15 | 30 |
| Marketing Services | 16 | 45 | 0 |
| Personal Services Occupations | | | |
| Beauticians and Barbers | 105 | 80 | 22 |
| Mortuary Science | 0 | 2 | 0 |
| Transportation | | | |
| Truckdrivers & Trucking Occupations | 70 | 116 | 59 |
| Auto & Truck Mechanics | 144 | 174 | 159 |
| Railway & Water Transport Occupations | 16 | 14 | 0 |
| Aerospace Transportation | 62 | 8 | 14 |
| Public Service & Related Occupations | | | |
| Federal, State & Local Agencies | 15 | 15 | 98 |
| Military Service | 83 | 94 | 125 |
| Postal Services | 0 | 2 | 13 |
| Police and Firefighters | 95 | 138 | 77 |
| Legal Services: Judges, Lawyers | 59 | 60 | 109 |
| Housewife | 93 | 103 | 58 |
| Others | | | |
| Clergy & Ministerial Services | 16 | 15 | 41 |
| Librarians | 0 | 15 | 0 |
| Research Workers | 0 | 15 | 14 |
| Scientist | 46 | 14 | 41 |
| Modeling | 31 | 17 | 0 |
| Airline Stewardess | 0 | 44 | 14 |
| Electronics & Appliance Repair | 35 | 38 | 35 |
| Musical Instrument Repair | 0 | 0 | 14 |
| Occupation Not Listed & Blanks | 265 | 285 | 226 |

TABLE H-8
GREATEST AMOUNT OF EDUCATION DESIRED
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 62 | 60 | 14 |
| High school graduate | 1641 | 1475 | 1181 |
| Post H.S. vocational training | 448 | 444 | 350 |
| Post H.S. business training | 362 | 255 | 168 |
| Some college | 167 | 67 | 268 |
| A.A. degree | 489 | 561 | 586 |
| Bachelor's degree | 746 | 1120 | 944 |
| Post-baccalaureate degree | 574 | 664 | 525 |
| Other | 253 | 174 | 106 |
| (Blank) | 39 | 43 | 22 |

TABLE H-9
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 366 | 358 | 261 |
| FT job not requiring additional training | 1195 | 992 | 1092 |
| FT job requiring additional training | 431 | 564 | 462 |
| FT college student with no job | 518 | 707 | 705 |
| FT college student with PT job | 1434 | 1385 | 1074 |
| PT college student with FT job | 178 | 178 | 157 |
| Other plans | 179 | 417 | 290 |
| Don't know and Blank | 478 | 261 | 124 |

TABLE H-10
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 475 | 412 | 382 |
| Post H.S. commercial or business school | 487 | 402 | 282 |
| Community college or 2-year university extension, PT | 286 | 339 | 292 |
| Community college or 2-year university extension, FT | 440 | 458 | 545 |
| 4-year college or university, PT | 143 | 55 | 137 |
| 4-year college or university, FT | 1194 | 1559 | 1245 |
| No plans for school or college | 1154 | 992 | 751 |
| Military service | 136 | 177 | 72 |
| Other plans | 259 | 194 | 256 |
| (Blank) | 206 | 275 | 203 |

TABLE H-11
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Immediately after H.S. | 1868 | 2113 | 2019 |
| After military service | 159 | 154 | 102 |
| After working a year or longer | 754 | 658 | 414 |
| Not sure when | 680 | 690 | 582 |
| No plans for school or college at any time | 1083 | 1034 | 814 |
| (Blank) | 234 | 213 | 236 |

TABLE H-12
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Business & Commerce Technologies** | | | |
| Accounting | 232 | 165 | 109 |
| Banking and Finance | 15 | 30 | 28 |
| Bookkeeping | 46 | 30 | 14 |
| Business Administration | 31 | 30 | 95 |
| Business Education | 31 | 52 | 71 |
| Business Machine Maintenance | 19 | 0 | 0 |
| Business Management | 110 | 42 | 55 |
| Commercial Art | 31 | 123 | 43 |
| Communication Media | 48 | 2 | 55 |
| Cosmetology | 66 | 46 | 35 |
| Court Reporting | 0 | 0 | 14 |
| Data Processing | 50 | 68 | 139 |
| Distributive Education | 2 | 12 | 0 |
| Food Services | 31 | 14 | 28 |
| Graphic Arts & Printing | 50 | 6 | 16 |
| Hotel-Motel & Restaurant Mgmt. | 0 | 45 | 0 |
| Insurance (CLU) | 0 | 45 | 0 |
| Keypunch Operator | 16 | 30 | 27 |
| Labor & Industrial Relations | 15 | 0 | 0 |
| Photography | 0 | 64 | 13 |
| Retailing | 20 | 92 | 41 |
| Secretarial Science | 201 | 162 | 69 |
| Textile and Apparel Arts | 31 | 62 | 57 |
| Theatre Arts | 15 | 0 | 14 |
| Traffic Transportation Tech | 0 | 0 | 2 |
| **Health Services & Paramedical Tech** | | | |
| Biomedical Electronics | 0 | 0 | 2 |
| Dental Assistant | 16 | 69 | 18 |
| Dental Hygiene | 0 | 14 | 32 |
| Dental Laboratory Technology | 0 | 15 | 0 |
| Emergency Medical Services | 15 | 15 | 0 |
| Health Assistant | 0 | 15 | 64 |
| Medical Laboratory Technology | 47 | 30 | 59 |
| Medical Secretary | 16 | 17 | 32 |
| Mental Health Aide | 0 | 0 | 28 |
| Nuclear Medical Technician | 0 | 30 | 0 |
| Nursing Home Administration | 0 | 15 | 0 |
| Nursing, Practical | 15 | 15 | 18 |
| Nursing, R.N. | 139 | 45 | 83 |
| Occupational Therapy | 31 | 0 | 14 |
| Physical Therapist | 15 | 47 | 15 |

TABLE II-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Health Services & Paramedical Tech (cont.) | | | |
| Radiological Technology | 0 | 0 | 14 |
| Speech Pathology | 0 | 60 | 28 |
| Therapeutic Dietician & Nutritionist | 31 | 0 | 0 |
| Mechanical & Engineering Technologies | | | |
| Aeronautical Technology | 62 | 17 | 0 |
| Air Conditioning and Heating | 27 | 14 | 20 |
| Aircraft Maintenance | 31 | 21 | 14 |
| Air Traffic Control | 0 | 0 | 14 |
| Architectural Building Technology | 46 | 47 | 41 |
| Auto Service Specialist | 0 | 31 | 28 |
| Auto Body Repair | 43 | 29 | 15 |
| Auto Mechanics | 57 | 78 | 108 |
| Aviation Science | 64 | 2 | 14 |
| Building Construction & Maintenance | 0 | 15 | 0 |
| Carpentry | 196 | 47 | 103 |
| Chemical Technology | 15 | 0 | 0 |
| Civil Technology/Surveying | 15 | 17 | 0 |
| Diesel Mechanics | 37 | 50 | 4 |
| Drafting & Design Technology | 0 | 2 | 16 |
| Electricity, Industrial (Construction) | 41 | 10 | 0 |
| Electro-Mechanical Engineering Tech | 17 | 0 | 16 |
| Electronic Repair & Maintenance | 23 | 65 | 29 |
| Electronics Technology | 90 | 53 | 43 |
| Instrumentation Technology | 0 | 15 | 0 |
| Machine Shop | 20 | 17 | 16 |
| Masonry | 45 | 21 | 6 |
| Materials Handling | 10 | 0 | 0 |
| Mechanical Technology | 15 | 29 | 30 |
| Nuclear Technology | 15 | 15 | 14 |
| Welding/Sheet Metal Work | 17 | 31 | 0 |
| Natural Science Technologies | | | |
| Agriculture | 93 | 59 | 57 |
| Biological Technology | 46 | 45 | 14 |
| Environmental Health Technology | 0 | 0 | 14 |
| Forest Technology | 94 | 79 | 113 |
| Horticulture & Landscaping | 32 | 19 | 0 |
| Pollution Control (Waste-Water) | 2 | 0 | 0 |

TABLE H-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
(TOTAL REPORTED BY WEST SHORE HIGH SCHOOL AND AVTS STUDENTS)

| | Projected Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Public Service & Related Technologies** | | | |
| Child Care/Pre-Elementary Education | 108 | 74 | 28 |
| Fire-Fighting/Safety Technology | 62 | 19 | 18 |
| Para-Legal (Legal Assistant) | 0 | 29 | 41 |
| Penal & Correctional Technology | 0 | 0 | 14 |
| Police Science (Law Enforcement) | 123 | 134 | 114 |
| Recreation Program Leadership | 15 | 30 | 41 |
| Social Work Assistant | 66 | 44 | 27 |
| Urban and Regional Planning | 0 | 15 | 0 |
| **Traditional College Majors** | | | |
| Engineering | 94 | 159 | 73 |
| Social Sciences | 203 | 166 | 302 |
| Natural Sciences | 185 | 300 | 110 |
| Physical Sciences | 48 | 48 | 55 |
| Mathematics | 17 | 77 | 18 |
| Communications | 79 | 149 | 96 |
| Fine Arts | 92 | 185 | 125 |
| Business Administration | 15 | 59 | 41 |
| Education | 172 | 89 | 165 |
| **Others** | | | |
| Home Ec | 15 | 29 | 0 |
| Modeling | 0 | 15 | 14 |
| Equipment Operator | 15 | 0 | 0 |
| Truck Driver | 2 | 4 | 14 |
| Airline Stewardess | 0 | 14 | 0 |
| Military | 35 | 34 | 30 |
| Program Not Listed and Blanks | 901 | 883 | 770 |

APPENDIX I

HERSHEY HIGH SCHOOL

TABLE I-1
NUMBER OF RESPONDENTS AND ACTUAL ENROLLMENT IN HERSHEY HIGH SCHOOL

| | # in Sample | Actual Enrollment (1975-76) |
|---|---|---|
| 10th grade | 204 | 269 |
| 11th grade | 241 | 266 |
| 12th grade | 196 | 257 |
| Total | 641 | 792 |

TABLE I-2
DESIRED OCCUPATION
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Agri-Business and Natural Resources** | | | |
| Farmers and Farm Managers | 3 | 0 | 3 |
| Land and Water Management | 13 | 11 | 4 |
| Mining and Quarrying positions | 0 | 0 | 1 |
| **Business and Office Occupations** | | | |
| Accountants | 5 | 10 | 9 |
| Office Supervision | 0 | 1 | 1 |
| Bookkeeper | 2 | 1 | 0 |
| Secretary-Stenographer | 17 | 20 | 12 |
| Clerical | 2 | 9 | 3 |
| Cashier | 2 | 0 | 1 |
| Office Machine Operator | 0 | 0 | 1 |
| Systems Analyst | 2 | 0 | 2 |
| Computer Programmer or Operator | 6 | 9 | 1 |
| Keypuncher | 0 | 1 | 0 |
| **Communications and Media** | | | |
| Newspaper/Printing positions | 1 | 2 | 6 |
| Commercial Art | 1 | 3 | 1 |
| Photographer or Lithographer | 0 | 1 | 3 |
| Recordings positions | 2 | 1 | 0 |
| Radio positions | 1 | 2 | 0 |
| Television positions | 1 | 1 | 0 |
| **Construction** | | | |
| Architects, Drafting, Blueprinting | 9 | 3 | 2 |
| Engineers | 6 | 9 | 6 |
| Carpenter | 3 | 2 | 2 |
| Electrician | 3 | 0 | 0 |
| Masonry | 1 | 0 | 0 |
| Interior Design, Decoration, Furnishing | 1 | 2 | 3 |
| Landscaping | 0 | 1 | 1 |
| **Services Related to Consumers & Homemakers** | | | |
| Food Product Development, Testing, Delivery | 1 | 0 | 4 |
| Clothing Apparel & Textile Industry positions | 2 | 2 | 0 |
| Child Care and Guidance positions | 1 | 3 | 3 |
| Teaching | 11 | 16 | 18 |
| Family and Community Services positions | 5 | 5 | 3 |

TABLE I-2 (Cont.)
DESIRED OCCUPATION
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Environment** | | | |
| Soil & Mineral Conservation & Control | 0 | 1 | 1 |
| Space & Atmospheric Monitoring & Control | 0 | 0 | 1 |
| Environmental Health Services | 0 | 0 | 2 |
| Control of Urban/Rural Manmade Environment | 0 | 1 | 0 |
| **Fine Arts and Humanities** | | | |
| Entertainers and Performers | 8 | 7 | 8 |
| Creative Writing | 1 | 3 | 0 |
| **Health Occupations** | | | |
| Doctors, Dentists, Pharmacists, Psychologists | 24 | 18 | 9 |
| Nurse, R.N. | 9 | 7 | 1 |
| Nurse, L.P.N. | 0 | 0 | 1 |
| Medical and Dental Assistant | 2 | 4 | 6 |
| Health Services Administrators | 0 | 1 | 0 |
| Other Health Service Workers | 5 | 11 | 7 |
| **Hospitality and Recreation** | | | |
| Hotel/Motel Occupations | 0 | 3 | 3 |
| Recreation Occupations | 1 | 1 | 3 |
| Restaurant Occupations | 1 | 1 | 1 |
| **Manufacturing** | | | |
| Assembly Worker | 0 | 1 | 0 |
| Maintenance | 0 | 0 | 1 |
| **Marine Science Occupations** | | | |
| Shipbuilding & Offshore Mineral Dvlpmt. | 0 | 0 | 1 |
| **Marketing & Distribution Occupations** | | | |
| Advertising Management & Writing | 0 | 1 | 1 |
| Retail or Wholesale Business positions | 0 | 14 | 7 |
| Marketing Services | 0 | 1 | 4 |
| **Personal Services Occupations** | | | |
| Beauticians and Barbers | 1 | 1 | 1 |
| Mortuary Science | 1 | 0 | 0 |

TABLE I-2 (Cont.)
DESIRED OCCUPATION
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Transportation | | | |
| Truckdrivers & Trucking Occupations | 4 | 0 | 1 |
| Auto and Truck Mechanics | 3 | 1 | 2 |
| Railway Occupations & Water Transport | 1 | 0 | 0 |
| Aerospace Transportation positions | 4 | 4 | 0 |
| Public Service & Related Occupations | | | |
| Federal, State & Local Agencies | 0 | 2 | 3 |
| Military Science | 1 | 4 | 4 |
| Police and Firefighters | 3 | 10 | 2 |
| Legal Services: Judges & Lawyers | 8 | 6 | 4 |
| Housewife | 2 | 1 | 1 |
| Others | | | |
| Clergy and Ministerial Services | 1 | 1 | 0 |
| Research Workers | 1 | 0 | 3 |
| Statistician | 0 | 1 | 0 |
| Scientist | 3 | 1 | 2 |
| Modeling | 0 | 1 | 0 |
| Airline Stewardess | 1 | 2 | 3 |
| Electronics & Appliance Repair | 1 | 0 | 0 |
| Occupation Not Listed and Blanks | 17 | 16 | 23 |

TABLE I-3
SURENESS ABOUT OCCUPATIONAL CHOICE
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Definitely will enter | 26 | 38 | 53 |
| Probably will enter | 100 | 121 | 81 |
| May not enter | 35 | 35 | 20 |
| Don't know & Blank | 43 | 47 | 42 |

TABLE I-4
GREATEST AMOUNT OF EDUCATION DESIRED
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Less than high school | 0 | 0 | 0 |
| High school graduate | 29 | 27 | 32 |
| Post H.S. vocational training | 12 | 5 | 7 |
| Post H.S. business training | 18 | 15 | 9 |
| Some college | 4 | 8 | 9 |
| A.A. degree | 18 | 51 | 29 |
| Bachelor's degree | 79 | 80 | 56 |
| Post-baccalaureate degree | 32 | 46 | 49 |
| Other | 9 | 6 | 1 |
| (Blank) | 3 | 3 | 4 |

TABLE I-5
PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Military service | 6 | 11 | 5 |
| FT job not requiring additional training | 26 | 19 | 40 |
| FT job requiring additional training | 12 | 11 | 11 |
| FT college student with no job | 41 | 57 | 57 |
| FT college student with PT job | 82 | 96 | 67 |
| PT college student with FT job | 9 | 15 | 0 |
| Other plans | 6 | 16 | 9 |
| Don't know and Blank | 22 | 16 | 7 |

TABLE I-6
LOCATION OF PLANS FOR FIRST YEAR AFTER HIGH SCHOOL
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Within commuting distance of present home | 51 | 67 | 88 |
| Outside commuting distance of present home | 50 | 80 | 79 |
| Don't know and Blank | 103 | 94 | 29 |

TABLE I-7
REASONS FOR NOT PLANNING TO ATTEND COLLEGE WITHIN A YEAR AFTER HIGH SCHOOL GRADUATION
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | 10th | | 11th | | 12th | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt | Very Impt | Impt |
| I want to get a job and start earning a living as soon as possible | 23 | 26 | 29 | 25 | 23 | 23 | 75 | 74 |
| I have to start earning a living in order to support myself | 18 | 27 | 18 | 28 | 20 | 14 | 56 | 69 |
| It would cost more than my parents could afford | 11 | 18 | 11 | 11 | 7 | 7 | 29 | 36 |
| I don't like to study | 12 | 18 | 10 | 17 | 6 | 13 | 28 | 48 |
| My high school grades are too low | 9 | 19 | 8 | 18 | 3 | 9 | 20 | 46 |
| Attending school or college after high school would not help me to do the things in which I am most interested | 7 | 17 | 10 | 12 | 3 | 14 | 20 | 43 |
| I would rather get married | 6 | 8 | 6 | 12 | 4 | 11 | 16 | 31 |
| I probably could not use additional education on the job | 8 | 13 | 4 | 13 | 4 | 6 | 16 | 32 |
| I don't think I have the ability | 5 | 11 | 3 | 15 | 6 | 7 | 14 | 33 |
| My parents or guardians do not want me to go | 0 | 4 | 2 | 5 | 4 | 4 | 6 | 13 |
| Most of my friends will not go to school or college after high school | 2 | 7 | 3 | 2 | 0 | 0 | 5 | 13 |

TABLE I-8
TYPE OF SCHOOL PLANNING TO ATTEND FIRST
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Post H.S. vocational or technical school | 15 | 5 | 6 |
| Post H.S. commercial or business school | 13 | 12 | 8 |
| Community college or 2-year university extension, PT | 8 | 15 | 7 |
| Community college or 2-year university extension, FT | 18 | 50 | 55 |
| 4-year college or university, PT | 6 | 9 | 1 |
| 4-year college or university, FT | 99 | 105 | 84 |
| No plans for school or college | 18 | 17 | 16 |
| Military service | 2 | 6 | 3 |
| Other plans | 7 | 12 | 2 |
| (Blank) | 18 | 10 | 14 |

TABLE 1-9
SURENESS ABOUT TYPE OF SCHOOL PLANNING TO ATTEND FIRST REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Almost sure to attend | 73 | 81 | 119 |
| Likely to attend | 55 | 73 | 24 |
| May possibly attend | 32 | 52 | 18 |
| Not planning to attend | 21 | 19 | 20 |
| (Blank) | 23 | 16 | 15 |

TABLE I-10
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Penna. Community Colleges** | | | |
| H.A.C.C. | 14 | 46 | 43 |
| Williamsport Area Comm. Coll. | 0 | 0 | 1 |
| **Penna. State Colleges** | | | |
| Bloomsburg | 1 | 1 | 5 |
| Clarion | 0 | 0 | 2 |
| East Stroudsburg | 0 | 1 | 3 |
| Edinboro | 0 | 0 | 1 |
| Indiana Univ. of Penna. | 0 | 1 | 1 |
| Kutztown | 1 | 0 | 0 |
| Mansfield | 0 | 1 | 0 |
| Millersville | 0 | 4 | 4 |
| Shippensburg | 0 | 4 | 6 |
| Slippery Rock | 0 | 0 | 1 |
| West Chester | 0 | 1 | 2 |
| **Penna. State-Related Universities** | | | |
| Penna. State University | 21 | 17 | 10 |
| " -Altoona | 0 | 1 | 0 |
| " -York | 0 | 0 | 1 |
| " -Mont Alto | 0 | 0 | 2 |
| Temple | 2 | 2 | 0 |
| University of Pittsburgh | 1 | 4 | 1 |
| " -Johnstown | 0 | 0 | 3 |
| **Penna. Private 2-Year Colleges** | | | |
| Ellen Cushing Jr. College | 0 | 0 | 1 |
| Central Penna. Business School | 0 | 0 | 2 |
| Penna. Jr. College of Medical Arts | 0 | 0 | 1 |
| Thompson Institute | 1 | 0 | 1 |
| **Penna. Private 4-Year Colleges/Universities** | | | |
| Bucknell | 2 | 0 | 0 |
| Carnegie Mellon | 0 | 1 | 1 |
| Delaware Valley Coll. of Sci. & Ag. | 0 | 0 | 2 |
| Dickinson | 3 | 0 | 1 |
| Elizabethtown | 1 | 2 | 2 |
| Franklin & Marshall | 0 | 1 | 1 |
| Gettysburg | 0 | 0 | 1 |
| Grove City | 0 | 1 | 0 |

TABLE I-10 (Cont.)
NAME OF SCHOOL PLANNING TO ATTEND SOMETIME DURING LIFE
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | 10th | Total 11th | 12th |
|---|---|---|---|
| Penna. Private 4-Year Colleges (cont.) | | | |
| Juniata | 0 | 1 | 1 |
| Lebanon Valley | 0 | 1 | 4 |
| Messiah | 1 | 0 | 0 |
| Susquehanna | 0 | 1 | 0 |
| University of Pennsylvania | 0 | 2 | 2 |
| Ursinus | 0 | 0 | 1 |
| Villanova | 0 | 1 | 0 |
| Other Penna. Schools | | | |
| Empire Beauty School | 1 | 0 | 0 |
| Lancaster Gen. Hosp. Sch. of Nursing | 0 | 1 | 0 |
| PMTA Truck Driving School | 1 | 0 | 0 |
| Reading Hospital & Medical Center | 0 | 0 | 1 |
| York Academy of Arts | 0 | 1 | 0 |
| Out-of-State | 10 | 26 | 24 |
| (Blank) | 144 | 119 | 64 |

TABLE I-11
TIME FOR BEGINNING POST HIGH SCHOOL EDUCATION
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number 10th | 11th | 12th |
|---|---|---|---|
| Immediately after H.S. | 113 | 154 | 127 |
| After military service | 3 | 4 | 0 |
| After working a year or longer | 26 | 26 | 19 |
| Not sure when | 25 | 29 | 19 |
| No plans for school or college at any time | 23 | 17 | 19 |
| (Blank) | 14 | 11 | 12 |

TABLE I-12
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| **Business & Commerce Technologies** | | | |
| Accounting | 1 | 6 | 9 |
| Banking and Finance | 0 | 1 | 3 |
| Bookkeeping | 4 | 1 | 0 |
| Business Administration | 2 | 7 | 6 |
| Business Education | 4 | 5 | 6 |
| Business Management | 2 | 6 | 2 |
| Commercial Art | 4 | 2 | 1 |
| Communication Media | 3 | 3 | 1 |
| Cosmetology | 1 | 1 | 1 |
| Court Reporting | 1 | 1 | 2 |
| Data Processing | 4 | 7 | 2 |
| Food Services | 2 | 0 | 2 |
| Hotel-Motel & Restaurant Mgmt. | 0 | 3 | 2 |
| Photography | 0 | 0 | 2 |
| Real Estate | 1 | 1 | 0 |
| Retailing | 2 | 4 | 0 |
| Secretarial Science | 4 | 11 | 4 |
| Textile and Apparel Arts | 0 | 0 | 2 |
| Theatre Arts | 0 | 1 | 0 |
| **Health Services & Paramedical Tech** | | | |
| Dental Assistant | 1 | 2 | 1 |
| Dental Hygiene | 0 | 3 | 1 |
| Dental Laboratory Technology | 0 | 1 | 0 |
| Health Assistant | 3 | 2 | 2 |
| Medical Laboratory Technology | 4 | 0 | 6 |
| Medical Secretary | 1 | 5 | 2 |
| Mortuary Science | 0 | 0 | 1 |
| Nursing, Practical | 0 | 0 | 1 |
| Nursing, R.N. | 7 | 4 | 1 |
| Occupational Therapy | 0 | 1 | 0 |
| Physical Therapist | 3 | 6 | 2 |
| Radiological Technology | 1 | 1 | 0 |
| Speech Pathology | 1 | 1 | 0 |
| Therapeutic Dietician & Nutritionist | 0 | 0 | 2 |
| **Mechanical & Engineering Technologies** | | | |
| Aeronautical Technology | 2 | 0 | 1 |
| Aircraft Maintenance | 0 | 0 | 1 |
| Architectural Building Technology | 2 | 3 | 1 |
| Auto Service Specialist | 0 | 1 | 0 |
| Auto Body Repair | 0 | 1 | 0 |

TABLE I-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Mechanical & Engineering Tech (cont.) | | | |
| Auto Mechanics | 2 | 0 | 1 |
| Aviation Science | 1 | 2 | 0 |
| Carpentry | 2 | 1 | 2 |
| Civil Technology/Surveying | 0 | 1 | 1 |
| Drafting & Design Technology | 3 | 1 | 1 |
| Electricity, Industrial (Construction) | 2 | 0 | 0 |
| Electro-Mechanical Engineering Tech | 0 | 1 | 0 |
| Electronic Repair & Maintenance | 3 | 0 | 0 |
| Electronics Technology | 3 | 1 | 1 |
| Masonry | 1 | 0 | 0 |
| Nuclear Technology | 1 | 1 | 0 |
| Natural Science Technologies | | | |
| Agriculture | 1 | 1 | 1 |
| Biological Technology | 2 | 1 | 2 |
| Environmental Health Technology | 0 | 1 | 2 |
| Forest Technology | 8 | 6 | 2 |
| Horticulture & Landscaping | 1 | 2 | 2 |
| Pollution Control (Waste-Water) | 0 | 1 | 0 |
| Public Service & Related Technologies | | | |
| Child Care/Pre-Elementary Education | 3 | 3 | 2 |
| Para-Legal (Legal Assistant) | 2 | 1 | 0 |
| Penal & Correctional Technology | 0 | 2 | 0 |
| Police Science (Law Enforcement) | 1 | 10 | 3 |
| Recreation Program Leadership | 1 | 1 | 4 |
| Social Work Assistant | 1 | 4 | 0 |
| Teacher's Aide | 0 | 1 | 0 |
| Vocational Teacher Training | 0 | 1 | 0 |
| Traditional College Majors | | | |
| Engineering | 8 | 4 | 9 |
| Social Sciences | 16 | 17 | 12 |
| Natural Sciences | 15 | 15 | 8 |
| Physical Sciences | 3 | 4 | 4 |
| Mathematics | 6 | 1 | 2 |
| Communications | 4 | 10 | 8 |
| Fine Arts | 9 | 6 | 3 |
| Business Administration | 3 | 1 | 1 |
| Education | 6 | 6 | 11 |

TABLE 1-12 (Cont.)
PLANNED POST HIGH SCHOOL EDUCATION PROGRAM
REPORTED BY HERSHEY HIGH SCHOOL STUDENTS

| | Number | | |
|---|---|---|---|
| | 10th | 11th | 12th |
| Others | | | |
| Home Ec | 0 | 0 | 2 |
| Modeling | 0 | 0 | 1 |
| Airline Stewardess | 1 | 1 | 1 |
| Military | 1 | 2 | 0 |
| Program Not Listed and Blanks | 34 | 40 | 43 |

APPENDIX J

ADULT SUB-POPULATIONS

TABLE J-1
FACTORS USED FOR PROJECTIONS OF DATA
FOR ADULT SUB-POPULATIONS

| | # in Sample | Actual Population | Factor |
|---|---|---|---|
| City of Harrisburg | 500 | 38,055 | 76.11 |
| Borough of Carlisle | 500 | 10,305 | 20.61 |
| Derry Township | 501 | 12,695 | 25.34 |

TABLE J-2
CLASSES IN WHICH HARRISBURG ADULTS EXPRESSED AN INTEREST

| | Projected Number |
|---|---|
| **Around the House** | |
| Appliance Repair | 1,294 |
| Furniture Refinish/Repair | 1,750 |
| Home Repairs in General | 3,044 |
| Interior Decorating | 3,653 |
| Plumbing | 609 |
| Reupholstering | 1,979 |
| **Arts & Crafts** | |
| Boutique Crafts | 304 |
| Ceramics | 1,522 |
| Crewel, Embrodiery, Needlepoint | 1,066 |
| Decoupage | 989 |
| Drawing | 1,066 |
| Jewelry Making | 1,218 |
| Knitting, Crocheting | 1,598 |
| Macrame | 761 |
| Oil Painting | 1,142 |
| Photography | 2,740 |
| Picture Framing | 913 |
| Pottery | 989 |
| Sculpture | 456 |
| Sewing | 3,197 |
| Weaving | 685 |
| **Cooking** | |
| Cake Decorating | 1,979 |
| Chinese Cooking | 1,903 |
| Creative Cooking | 3,120 |
| Soul Cooking | 1,066 |
| **General Education** | |
| Creative Writing | 1,598 |
| H.S. Diploma Preparation | 1,066 |
| Improv'g Reading & Memory | 3,577 |
| Short Story Writing | 837 |
| Speed Reading | 3,273 |
| **Horticulture** | |
| Flower Arranging | 2,968 |
| Indoor Garden'g/Greenhouse | 3,349 |
| Landscaping | 1,827 |

| | Projected Number |
|---|---|
| **Personal Interest** | |
| Building or Buying a Home | 2,588 |
| Coping with Death & Dying | 1,370 |
| Going It Alone | 1,750 |
| How State Legislature Operates | 1,903 |
| Languages: | |
| French | 2,283 |
| German | 837 |
| Hebrew | 533 |
| Italian | 837 |
| Pennsylvania Dutch | 609 |
| Serbo-Croatian Yugoslav | 304 |
| Spanish | 2,131 |
| Obedience School for Dogs | 837 |
| Popular Misconceptions of the Law (for Layperson) | 1,446 |
| Sign Language | 1,522 |
| Stocks, Bonds, & Market Investments | 1,218 |
| Self-Hypnosis Techniques | 761 |
| Wills, Trusts, & Estate Planning | 1,979 |
| **Recreation and Physical Fitness** | |
| Archery | 761 |
| Backgammon | 228 |
| Belly Dancing | 380 |
| Chess | 609 |
| Fencing | 152 |
| Golf | 761 |
| Hawaiian Dancing | 152 |
| Karate | 1,979 |
| Learn to Play Bridge | 304 |
| Learn to Swim | 1,827 |
| Scuba Diving | 989 |
| Slimnastics | 2,436 |
| Square Dancing | 685 |
| Tennis | 2,664 |
| Volleyball | 1,750 |
| Yoga | 1,142 |

TABLE J-2 (Cont.)
CLASSES IN WHICH HARRISBURG ADULTS EXPRESSED AN INTEREST

| | Projected Number | | Projected Number |
|---|---|---|---|
| Self-Development | | Technical & Industrial | |
| Human Sexuality | 1,142 | Auto Mechanics | 2,664 |
| Parent Effectiveness | 2,436 | Basic Electricity | 1,066 |
| Open Communications in Marriage | 1,979 | General Electronics | 761 |
| Pre-Retirement Seminar | 989 | Masonry | 609 |
| Preparing for Marriage | 913 | Small Engine Repair | 837 |
| Transactional Analysis | 533 | Welding | 685 |
| Value Sharing for Parents | 1,522 | Woodworking | 2,131 |

TABLE J-3
CREDIT EDUCATIONAL PROGRAM DESIRED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| **Business & Commerce Technologies** | |
| Accounting | 989 |
| Business Education | 152 |
| Business Management | 1,066 |
| Cosmetology | 152 |
| Data Processing | 152 |
| Food Services | 76 |
| Insurance (CLU) | 152 |
| Photography | 228 |
| Secretarial Science | 228 |
| Theatre Arts | 76 |
| **Health Services & Paramedical Tech** | |
| Dental Assistant | 228 |
| Nursing, Practical | 76 |
| Nursing, R.N. | 76 |
| **Mechanical & Engineering Technology** | |
| Auto Mechanics | 76 |
| Diesel Mechanics | 152 |
| Drafting & Design Technology | 228 |
| **Natural Science Technologies** | |
| Horticulture & Landscaping | 76 |
| **Public Service & Related Technologies** | |
| Child Care/Pre-Elementary Education | 76 |
| Police Science (Law Enforcement) | 456 |
| **Traditional College Majors** | |
| Engineering | 76 |
| Social Sciences | 1,446 |
| Natural Sciences | 456 |
| Physical Sciences | 76 |
| Communications | 228 |
| Fine Arts | 76 |
| **Program Not Listed & Blanks** | 4,947 |

TABLE J-4
REASONS FOR NOT TAKING ADDITIONAL EDUCATION,
BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Can't afford | 3,501 |
| No time because of employment | 2,816 |
| I am too old | 2,664 |
| Family obligations | 1,827 |
| Courses offered are not convenient | 1,066 |
| Need babysitter | 1,066 |
| Won't help with my interests | 837 |
| Low grades in school | 761 |
| Not worth the cost | 228 |
| Dislike studying | 228 |
| Other | 1,674 |

TABLE J-5
NAME OF SCHOOL ATTENDED IN 1976 BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Penna. Community Colleges | |
| H.A.C.C. | 609 |
| Penna. State Colleges | |
| Bloomsburg | 76 |
| Penna. State-Related Universities | |
| Penna. State University-University Park | 304 |
| " -Capitol Campus | 304 |
| Other Penna. Schools | |
| Harrisburg/Steelton-Highspire AVTS | 76 |
| Out-of-State | 228 |
| Blank | 10,579 |

TABLE J-6
EDUCATIONAL PROGRAM IN WHICH ENROLLED IN 1976 BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Business & Commerce Technologies | |
| Accounting | 152 |
| Data Processing | 76 |
| Distributive Education | 76 |
| Photography | 76 |
| Secretarial Science | 228 |
| Health Services & Paramedical Tech | |
| Nursing, R.N. | 76 |
| Mechanical & Engineering Technologies | |
| Auto Mechanics | 76 |
| Public Service & Related Technologies | |
| Police Science (Law Enforcement) | 76 |
| Traditional College Majors | |
| Engineering | 76 |
| Social Sciences | 152 |
| Natural Sciences | 76 |
| Business Administration | 76 |
| Education | 304 |
| Blank | 10,503 |

TABLE J-7
CURRENT EMPLOYMENT STATUS REPORTED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Employed full-time | 5,328 |
| Employed part-time | 1,218 |
| In military services | 76 |
| Homemaker | 1,218 |
| Unemployed | 989 |
| Retired | 1,674 |
| (Blank) | 1,522 |

TABLE J-8
AGE OF HARRISBURG ADULT RESPONDENTS

| | Projected Number |
|---|---|
| 18-19 years | 533 |
| 20-24 years | 1,370 |
| 25-34 years | 3,044 |
| 35-44 years | 1,142 |
| 45-54 years | 1,827 |
| 55-64 years | 1,142 |
| 65 and over | 1,598 |
| (Blank) | 1,370 |

TABLE J-9
PREFERRED SCHEDULE FOR CLASSES BY HARRISBURG ADULTS

| | Projected Number | | | |
|---|---|---|---|---|
| | Monday | Tuesday | Wednesday | Thursday |
| Early morning (7-8 a.m.) | 380 | 456 | 380 | 380 |
| Mid-morning (8-10 a.m.) | 837 | 837 | 761 | 609 |
| Late morning (10-12 noon) | 1,066 | 989 | 913 | 989 |
| Lunch hour | 456 | 456 | 456 | 456 |
| Early afternoon (1-3 p.m.) | 837 | 761 | 837 | 685 |
| Late afternoon (3-5 p.m.) | 304 | 304 | 380 | 380 |
| Early evening (5-7 p.m.) | 2,131 | 1,827 | 2,055 | 2,131 |
| Evening (7-10 p.m.) | 3,273 | 3,197 | 3,273 | 3,197 |

| | Projected Number | | |
|---|---|---|---|
| | Friday | Saturday | Sunday |
| Early morning (7-8 a.m.) | 456 | 609 | 228 |
| Mid-morning (8-10 a.m.) | 456 | 837 | 380 |
| Late morning (10-12 noon) | 837 | 1,218 | 685 |
| Lunch hour | 456 | 685 | 380 |
| Early afternoon (1-3 p.m.) | 761 | 837 | 761 |
| Late afternoon (3-5 p.m.) | 456 | 609 | 533 |
| Early evening (5-7 p.m.) | 1,598 | 837 | 837 |
| Evening (7-10 p.m.) | 2,283 | 913 | 685 |

TABLE J-10
LOCATION OF CLASSES DESIRED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| H.A.C.C. campus | 5,556 |
| Public school building | 2,436 |
| AVTS | 1,218 |
| Meeting Hall | 533 |
| Apartment complex | 228 |
| Place of employment | 228 |
| Other | 609 |

TABLE J-11
COURSE FORMAT PREFERRED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Semester-length courses | |
| 2 1/2-hour classes once a week for 15 weeks | 3,273 |
| 1 1/4-hour classes 2 times a week for 15 weeks | 2,892 |
| 1-hour classes 3 times a week for 15 weeks | 2,207 |
| Concentrated courses | |
| 3-hour classes 5 times a week for 5 weeks | 3,882 |
| 5-hour classes 5 times a week for 3 weeks | 304 |
| Short courses | |
| 1-hour classes 3 times a week for 5 weeks | 3,577 |
| 1-hour class once a week for 15 weeks | 2,131 |
| 1-hour classes 5 times a week for 3 weeks | 685 |

TABLE J-12
AMOUNT OF EDUCATION COMPLETED AND DESIRED BY HARRISBURG ADULTS

| | Projected Number | |
|---|---|---|
| | Completed | Desired |
| Less than high school | 1,370 | 0 |
| High school graduate | 3,958 | 609 |
| Some college, but no degree | 456 | 304 |
| Commercial or technical school graduate | 913 | 1,827 |
| Two-year degree program graduate | 685 | 1,218 |
| Four-year degree program graduate | 1,522 | 1,370 |
| Post-baccalaureate degree | 228 | 609 |
| Other | 152 | 152 |
| (Blank) | 2,740 | 5,936 |

TABLE J-13
DESIRED OCCUPATION OF HARRISBURG ADULTS

| | Projected Number |
|---|---|
| **Agri-Business & Natural Resources** | |
| Farmers and farm managers | 76 |
| **Business & Office Occupations** | |
| Accountants | 456 |
| Office supervision | 76 |
| Secretary-stenographer | 304 |
| Clerical | 76 |
| Systems analyst | 76 |
| Computer programmer or operator | 228 |
| Keypuncher | 76 |
| **Communications and Media** | |
| Graphic arts | 76 |
| Newspaper/printing positions | 76 |
| Photographer or lithographer | 76 |
| Television positions | 76 |
| **Construction** | |
| Carpenter | 76 |
| Welder | 76 |
| Interior design, decoration, furnishing | 152 |
| **Services Related to Consumers & Homemakers** | |
| Child care and guidance positions | 152 |
| Teaching | 304 |
| Family & community services positions | 304 |
| **Fine Arts and Humanities** | |
| Creative writing | 152 |
| **Health Occupations** | |
| Doctors, dentists, pharmacists, psychologists | 304 |
| Nurse, R.N. | 228 |
| Nurse, LPN | 456 |
| Other health service workers | 228 |
| **Manufacturing** | |
| Assembly worker | 76 |
| Supervision and product development | 76 |

TABLE J-13 (Cont.)
DESIRED OCCUPATION OF HARRISBURG ADULTS

| | Projected Number |
|---|---|
| **Marketing & Distribution Occupations** | |
| Retail or wholesale business positions | 304 |
| Marketing services | 76 |
| **Personal Services Occupations** | |
| Beauticians and barbers | 152 |
| **Transportation** | |
| Auto & truck mechanics | 76 |
| Aerospace transportation positions | 76 |
| **Public Service & Related Occupations** | |
| Federal, state, & local agencies | 76 |
| Police and firefighter | 76 |
| Legal services judge or lawyer | 304 |
| **Other professions** | |
| Clergy & ministerial services | 152 |
| Research workers | 76 |
| Scientist, chemist, biochemist | 76 |
| Electronics & appliance repair | 228 |
| **Occupation Not Listed & Blanks** | 6,013 |

TABLE J-14
CHILD CARE SERVICES DESIRED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Yes | 1,598 |
| No | 1,979 |
| N/A and Blank | 8,448 |

TABLE J-15
INTEREST IN TELEVISION COURSE EXPRESSED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Very interested | 3,425 |
| Somewhat interested | 3,577 |
| Not interested and Blank | 5,023 |

TABLE J-16
INTEREST IN CONTRACT COURSE EXPRESSED BY HARRISBURG ADULTS

| | Projected Number |
|---|---|
| Very interested | 4,110 |
| Somewhat interested | 2,664 |
| Not interested and Blank | 5,252 |

TABLE J-17
CLASSES IN WHICH CARLISLE ADULTS EXPRESSED AN INTEREST

| | Projected Number |
|---|---|
| **Around the House** | |
| Appliance Repair | 371 |
| Furniture Refinish/Repair | 1,072 |
| Home Repairs in General | 1,113 |
| Interior Decorating | 1,134 |
| Plumbing | 474 |
| Reupholstering | 515 |
| **Arts & Crafts** | |
| Boutique Crafts | 227 |
| Ceramics | 556 |
| Crewel, Embrodiery, Needlepoint | 701 |
| Decoupage | 288 |
| Drawing | 392 |
| Jewelry Making | 247 |
| Knitting, Crocheting | 618 |
| Macrame | 639 |
| Oil Painting | 412 |
| Photography | 948 |
| Picture Framing | 330 |
| Pottery | 453 |
| Sculpture | 103 |
| Sewing | 660 |
| Weaving | 288 |
| **Cooking** | |
| Cake Decorating | 639 |
| Chinese Cooking | 515 |
| Creative Cooking | 762 |
| Soul Cooking | 144 |
| **General Education** | |
| Creative Writing | 330 |
| H.S. Diploma Preparation | 82 |
| Improv'g Reading & Memory | 866 |
| Short Story Writing | 227 |
| Speed Reading | 1,030 |
| **Horticulture** | |
| Flower Arranging | 804 |
| Indoor Garden'g/Greenhouse | 1,051 |
| Landscaping | 762 |

| | Projected Number |
|---|---|
| **Personal Interest** | |
| Building or Buying a Home | 907 |
| Coping with Death & Dying | 453 |
| Going It Alone | 598 |
| How State Legislature Operates | 412 |
| Languages: | |
| French | 412 |
| German | 309 |
| Hebrew | 62 |
| Italian | 144 |
| Pennsylvania Dutch | 124 |
| Serbo-Croatian Yugoslav | 41 |
| Spanish | 371 |
| Obedience School for Dogs | 185 |
| Popular Misconceptions of the Law (for Layperson) | 577 |
| Sign Language | 350 |
| Stocks, Bonds, & Market Investments | 783 |
| Self-Hypnosis Techniques | 206 |
| Wills, Trusts, & Estate Planning | 866 |
| **Recreation and Physical Fitness** | |
| Archery | 309 |
| Backgammon | 103 |
| Belly Dancing | 268 |
| Chess | 268 |
| Fencing | 227 |
| Golf | 515 |
| Hawaiian Dancing | 82 |
| Karate | 433 |
| Learn to Play Bridge | 227 |
| Learn to Swim | 453 |
| Scuba Diving | 268 |
| Slimnastics | 660 |
| Square Dancing | 227 |
| Tennis | 742 |
| Volleyball | 515 |
| Yoga | 350 |

TABLE J-17 (Cont.)
CLASSES IN WHICH CARLISLE ADULTS EXPRESSED AN INTEREST

| Self-Development | Projected Number | Technical & Industrial | Projected Number |
|---|---|---|---|
| Human Sexuality | 350 | Auto Mechanics | 1,030 |
| Parent Effectiveness | 618 | Basic Electricity | 350 |
| Open Communications in Marriage | 577 | General Electronics | 144 |
| Pre-Retirement Seminar | 247 | Masonry | 247 |
| Preparing for Marriage | 185 | Small Engine Repair | 392 |
| Transactional Analysis | 206 | Welding | 165 |
| Value Sharing for Parents | 330 | Woodworking | 742 |

TABLE J-18
CREDIT EDUCATIONAL PROGRAM DESIRED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| **Business & Commerce Technologies** | |
| Accounting | 288 |
| Business Management | 536 |
| Secretarial Science | 21 |
| **Health Services & Paramedical Tech** | |
| Dental Assistant | 82 |
| Health Assistant | 21 |
| Medical Laboratory Technology | 21 |
| Nursing, R.N. | 144 |
| Therapeutic Dietician & Nutritionist | 21 |
| **Mechanical & Engineering Technologies** | |
| Architectural Building Technology | 21 |
| Diesel Mechanics | 62 |
| Drafting & Design Technology | 62 |
| **Natural Science Technologies** | |
| Forest Technology | 21 |
| Horticulture & Landscaping | 62 |
| **Public Service & Related Technologies** | |
| Child Care/Pre-Elementary Education | 21 |
| Fire-Fighting/Safety Technology | 21 |
| Police Science (Law Enforcement) | 103 |
| **Traditional College Majors** | |
| Engineering | 62 |
| Social Sciences | 330 |
| Natural Sciences | 82 |
| Physical Sciences | 21 |
| Communications | 165 |
| Fine Arts | 41 |
| Education | 82 |
| **Others** | |
| Industrial Arts | 21 |
| **Program Not Listed and Blanks** | 1,463 |

TABLE J-19
REASONS FOR NOT TAKING ADDITIONAL EDUCATION
BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| No time because of employment | 886 |
| Can't afford | 866 |
| I am too old | 721 |
| Family obligations | 680 |
| Need babysitter | 392 |
| Won't help with my interests | 165 |
| Courses offered are not convenient | 144 |
| Low grades in school | 144 |
| Dislike studying | 144 |
| Not worth the cost | 21 |
| Other | 288 |

TABLE J-20
NAME OF SCHOOL ATTENDED IN 1976 BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Penna. Community Colleges | |
| H.A.C.C. | 124 |
| Penna. State Colleges | |
| Indiana University of Penna. | 21 |
| Shippensburg | 144 |
| Penna. State-Related Universities | |
| Penna. State University-University Park | 21 |
| Penna. Private 4-Year Colleges/Universities | |
| Dickinson College | 103 |
| Elizabethtown College | 21 |
| Out-of-State Colleges/Universities | 21 |
| Blank | 3319 |

TABLE J-21
EDUCATIONAL PROGRAM IN WHICH ENROLLED IN 1976
BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Business & Commerce Technologies | |
| Accounting | 21 |
| Business Management | 41 |
| Cosmetology | 21 |
| Health Services & Paramedical Tech | |
| Health Assistant | 21 |
| Therapeutic Dietician & Nutritionist | 21 |
| Natural Science Technologies | |
| Horticulture & Landscaping | 21 |
| Traditional College Majors | |
| Engineering | 21 |
| Social Sciences | 206 |
| Natural Sciences | 21 |
| Communications | 41 |
| Education | 21 |
| Program Not Listed and Blanks | 3,318 |

TABLE J-22
CURRENT EMPLOYMENT STATUS
REPORTED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Employed full-time | 1,917 |
| Employed part-time | 247 |
| In military services | 21 |
| Homemaker | 474 |
| Unemployed | 144 |
| Retired | 577 |
| (Blank) | 392 |

TABLE J-23
AGE OF CARLISLE ADULT RESPONDENTS

| | Projected Number |
|---|---|
| 18-19 years | 62 |
| 20-24 years | 660 |
| 25-34 years | 804 |
| 35-44 years | 495 |
| 45-54 years | 392 |
| 55-64 years | 371 |
| 65 and over | 598 |
| (Blank) | 392 |

TABLE J-24
PREFERRED SCHEDULE FOR CLASSES BY CARLISLE ADULTS

| | Projected Number | | | |
|---|---|---|---|---|
| | Monday | Tuesday | Wednesday | Thursday |
| Early morning (7-8 a.m.) | 165 | 165 | 185 | 165 |
| Mid-morning (8-10 a.m.) | 330 | 392 | 309 | 330 |
| Late morning (10-12 noon) | 392 | 412 | 350 | 412 |
| Lunch hour | 165 | 165 | 165 | 165 |
| Early afternoon (1-3 p.m.) | 288 | 309 | 309 | 309 |
| Late afternoon (3-5 p.m.) | 41 | 41 | 84 | 62 |
| Early evening (5-7 p.m.) | 392 | 350 | 392 | 412 |
| Evening (7-10 p.m.) | 1,113 | 1,195 | 1,113 | 1,154 |

| | Projected Number | | |
|---|---|---|---|
| | Friday | Saturday | Sunday |
| Early morning (7-8 a.m.) | 144 | 103 | 21 |
| Mid-morning (8-10 a.m.) | 268 | 268 | 82 |
| Late morning (10-12 noon) | 309 | 206 | 62 |
| Lunch hour | 144 | 103 | 21 |
| Early afternoon (1-3 p.m.) | 206 | 227 | 103 |
| Late afternoon (3-5 p.m.) | 62 | 165 | 124 |
| Early evening (5-7 p.m.) | 247 | 206 | 124 |
| Evening (7-10 p.m.) | 639 | 288 | 247 |

TABLE J-25
LOCATION OF CLASSES
DESIRED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Public school building | 1,608 |
| H.A.C.C. campus | 660 |
| AVTS | 309 |
| Place of employment | 144 |
| Meeting hall | 62 |
| Apartment complex | 21 |
| Other | 268 |

TABLE J-26
COURSE FORMAT PREFERRED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Semester-length courses | |
| 2½-hour classes once a week for 15 weeks | 1,463 |
| 1¼-hour classes 2 times a week for 15 weeks | 989 |
| 1-hour classes 3 times a week for 15 weeks | 350 |
| Concentrated courses | |
| 3-hour classes 5 times a week for 5 weeks | 886 |
| 5-hour classes 5 times a week for 3 weeks | 124 |
| Short courses | |
| 1-hour classes 3 times a week for 5 weeks | 866 |
| 1-hour classes once a week for 15 weeks | 742 |
| 1-hour classes 5 times a week for 3 weeks | 350 |

TABLE J-27
AMOUNT OF EDUCATION COMPLETED AND DESIRED BY CARLISLE ADULTS

| | Projected Number | |
|---|---|---|
| | Completed | Desired |
| Less than high school | 124 | 0 |
| High school graduate | 969 | 62 |
| Some college, but no degree | 268 | 124 |
| Commercial or technical school graduate | 515 | 350 |
| Two-year degree program graduate | 165 | 556 |
| Four-year degree program graduate | 804 | 495 |
| Post-baccalaureate degree | 185 | 227 |
| Other | 41 | 41 |
| (Blank) | 701 | 1,917 |

TABLE J-28
DESIRED OCCUPATION OF CARLISLE ADULTS

| | Projected Number |
|---|---|
| **Agri-Business & Natural Resources** | |
| Farmers and farm managers | 41 |
| **Business & Office Occupations** | |
| Accountants | 82 |
| Office Supervision | 21 |
| Bookkeeper | 62 |
| Secretary-Stenographer | 103 |
| Clerical | 21 |
| Keypuncher | 41 |
| **Communications & Media** | |
| Photographer or Lithographer | 21 |
| **Construction** | |
| Architects, Drafting & Blueprinting | 21 |
| Engineers | 62 |
| Carpenter | 21 |
| Plumber | 21 |
| Contracting Office Operations | 21 |
| Interior Design, Decoration & Furnishing | 62 |
| Landscaping | 21 |
| **Services Related to Consumers & Homemakers** | |
| Food Product Development, Testing, Delivery | 21 |
| Clothing Apparel & Textile positions | 21 |
| Teaching | 124 |
| Family & Community Services positions | 62 |
| **Health Occupations** | |
| Doctors, Dentists, Pharmacists, Psychologists | 82 |
| Nurse, R.N. | 124 |
| Nurse, L.P.N. | 41 |
| Other Health Service workers | 144 |
| **Hospitality & Recreation** | |
| Restaurant occupations | 21 |
| **Marketing & Distribution Occupations** | |
| Retail or Wholesale Business positions | 82 |
| Marketing Services positions | 41 |

TABLE J-28 (Cont.)
DESIRED OCCUPATION OF CARLISLE ADULTS

| | Projected Number |
|---|---|
| **Transportation** | |
| Auto & Truck Mechanics | 62 |
| **Public Service & Related Occupations** | |
| Federal, State & Local Agencies | 21 |
| Police and Firefighters | 41 |
| Legal Services: Judges & Lawyers | 82 |
| **Others** | |
| Scientist | 41 |
| Modeling | 21 |
| Electronics & Appliance Repair | 21 |
| **Occupation Not Listed and Blanks** | 2103 |

TABLE J-29
CHILD CARE SERVICES
DESIRED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Yes | 556 |
| No | 845 |
| N/A and Blank | 2,370 |

TABLE J-30
INTEREST IN TELEVISION COURSE
EXPRESSED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Very interested | 1,051 |
| Somewhat interested | 1,010 |
| Not interested and Blanks | 1,710 |

TABLE J-31
INTEREST IN CONTRACT COURSE
EXPRESSED BY CARLISLE ADULTS

| | Projected Number |
|---|---|
| Very interested | 1,051 |
| Somewhat interested | 948 |
| Not interested and Blanks | 1,773 |

TABLE J-32
CLASSES IN WHICH DERRY TWP. ADULTS EXPRESSED AN INTEREST

| | Projected Number |
|---|---|
| **Around the House** | |
| Appliance Repair | 659 |
| Furniture Refinish/Repair | 1,166 |
| Home Repairs in General | 1,242 |
| Interior Decorating | 1,394 |
| Plumbing | 329 |
| Reupholstering | 811 |
| **Arts & Crafts** | |
| Boutique Crafts | 304 |
| Ceramics | 811 |
| Crewel, Embrodiery, Needlepoint | 760 |
| Decoupage | 507 |
| Drawing | 304 |
| Jewelry Making | 355 |
| Knitting, Crocheting | 786 |
| Macrame | 507 |
| Oil Painting | 405 |
| Photography | 1,090 |
| Picture Framing | 456 |
| Pottery | 431 |
| Sculpture | 355 |
| Sewing | 938 |
| Weaving | 355 |
| **Cooking** | |
| Cake Decorating | 912 |
| Chinese Cooking | 456 |
| Creative Cooking | 1,318 |
| Soul Cooking | 177 |
| **General Education** | |
| Creative Writing | 532 |
| H.S. Diploma Preparation | 127 |
| Improv'g Reading & Memory | 1,546 |
| Short Story Writing | 329 |
| Speed Reading | 1,652 |
| **Horticulture** | |
| Flower Arranging | 1,191 |
| Indoor Garden'g/Greenhouse | 1,242 |
| Landscaping | 963 |

| | Projected Number |
|---|---|
| **Personal Interest** | |
| Building or Buying a Home | 1,039 |
| Coping with Death & Dying | 583 |
| Going It Alone | 710 |
| How State Legislature Operates | 786 |
| Languages: | |
| French | 583 |
| German | 481 |
| Hebrew | 127 |
| Italian | 380 |
| Pennsylvania Dutch | 532 |
| Serbo-Croatian Yugoslav | 76 |
| Spanish | 481 |
| Obedience School for Dogs | 304 |
| Popular Misconceptions of the Law (for Layperson) | 912 |
| Sign Language | 253 |
| Stocks, Bonds & Market Investments | 1,115 |
| Self-Hypnosis Techniques | 380 |
| Wills, Trusts, & Estate Planning | 1,090 |
| **Recreation and Physical Fitness** | |
| Archery | 380 |
| Backgammon | 177 |
| Belly Dancing | 253 |
| Chess | 177 |
| Fencing | 76 |
| Golf | 836 |
| Hawaiian Dancing | 152 |
| Karate | 380 |
| Learn to Play Bridge | 507 |
| Learn to Swim | 507 |
| Scuba Diving | 507 |
| Slimnastics | 963 |
| Square Dancing | 329 |
| Tennis | 1,318 |
| Volleyball | 659 |
| Yoga | 279 |

TABLE J-32 (Cont.)
CLASSES IN WHICH DERRY TWP. ADULTS EXPRESSED AN INTEREST

| Self-Development | Projected Number |
|---|---|
| Human Sexuality | 634 |
| Parent Effectiveness | 1,166 |
| Open Communications in Marriage | 1,166 |
| Pre-Retirement Seminar | 684 |
| Preparing for Marriage | 228 |
| Transactional Analysis | 456 |
| Value Sharing for Parents | 836 |

| Technical & Industrial | Projected Number |
|---|---|
| Auto Mechanics | 1,292 |
| Basic Electricity | 507 |
| General Electronics | 228 |
| Masonry | 253 |
| Small Engine Repair | 481 |
| Welding | 380 |
| Woodworking | 938 |

TABLE J-33
CREDIT EDUCATIONAL PROGRAM DESIRED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| **Business & Commerce Technologies** | |
| Accounting | 329 |
| Business Management | 811 |
| Court Reporting | 51 |
| Insurance (CLU) | 51 |
| Real Estate | 76 |
| Secretarial Science | 101 |
| Textile & Apparel Arts | 51 |
| **Health Services & Paramedical Tech** | |
| Dental Assistant | 25 |
| Health Assistant | 51 |
| Nursing, Practical | 25 |
| Nursing, R.N. | 25 |
| Speech Pathology | 25 |
| Therapeutic Dietician & Nutritionist | 25 |
| **Mechanical & Engineering Technologies** | |
| Carpentry | 25 |
| Diesel Mechanics | 25 |
| Drafting & Design Technology | 51 |
| Electronic Repair & Maintenance | 25 |
| **Natural Science Technologies** | |
| Biological Technology | 25 |
| Horticulture & Landscaping | 25 |
| **Public Service & Related Technologies** | |
| Fire-Fighting/Safety Technology | 25 |
| Para-Legal (Legal Assistant) | 25 |
| Police Science (Law Enforcement) | 51 |
| **Traditional College Majors** | |
| Engineering | 127 |
| Social Sciences | 583 |
| Natural Sciences | 228 |
| Physical Sciences | 51 |
| Communications | 177 |
| Fine Arts | 25 |
| Business Administration | 76 |
| Education | 76 |
| **Program Not Listed & Blanks** | 1,368 |

TABLE J-34
REASONS FOR NOT TAKING ADDITIONAL EDUCATION
BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| No time because of employment | 1,115 |
| Family obligations | 1,115 |
| I am too old | 912 |
| Can't afford | 862 |
| Courses offered are not convenient | 355 |
| Won't help with my interests | 329 |
| Need babysitter | 304 |
| Low grades in school | 279 |
| Dislike studying | 203 |
| Not worth the cost | 203 |
| Other | 405 |

TABLE J-35
NAME OF SCHOOL ATTENDED IN 1976 BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Penna. Community Colleges | |
| H.A.C.C. | 177 |
| Penna. State Colleges | |
| Clarion | 25 |
| West Chester | 25 |
| Penna. State-Related Universities | |
| Penna. State University: | |
| University Park | 25 |
| Capitol Campus | 101 |
| Hershey Medical Center | 127 |
| Penna. Private 2-Year Colleges | |
| Thompson Institute | 25 |
| Penna. Private 4-Year Colleges/Universities | |
| Albright | 25 |
| Gettysburg | 25 |
| Lebanon Valley | 25 |
| Lehigh | 51 |
| Out-of-State | 100 |
| Blank | 3,902 |

TABLE J—36
EDUCATIONAL PROGRAM IN WHICH ENROLLED IN 1976
BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| **Business & Commerce Technologies** | |
| Accounting | 51 |
| Banking and Finance | 25 |
| Business Management | 25 |
| Data Processing | 25 |
| Insurance (CLU) | 25 |
| **Health Services & Paramedical Tech** | |
| Nursing, R.N. | 51 |
| Speech Pathology | 25 |
| Therapeutic Dietician & Nutritionist | 25 |
| **Mechanical & Engineering Technologies** | |
| Electronics Technology | 25 |
| **Natural Science Technologies** | |
| Environmental Health Technology | 25 |
| **Public Service & Related Technologies** | |
| Penal & Correctional Technology | 25 |
| **Traditional College Majors** | |
| Engineering | 51 |
| Social Sciences | 51 |
| Natural Sciences | 76 |
| Physical Sciences | 51 |
| Communications | 25 |
| Business Administration | 152 |
| Education | 25 |
| **Program Not Listed & Blanks** | 3,877 |

TABLE J-37
CURRENT EMPLOYMENT STATUS
REPORTED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Employed full-time | 2,306 |
| Employed part-time | 532 |
| In military services | 76 |
| Homemaker | 659 |
| Unemployed | 127 |
| Retired | 557 |
| (Blank) | 380 |

TABLE J-38
AGE OF DERRY TWP. ADULT RESPONDENTS

| | Projected Number |
|---|---|
| 18-19 years | 76 |
| 20-24 years | 557 |
| 25-34 years | 988 |
| 35-44 years | 887 |
| 45-54 years | 760 |
| 55-64 years | 532 |
| 65 and over | 532 |
| (Blank) | 304 |

TABLE J-39
PREFERRED SCHEDULE FOR CLASSES BY DERRY TWP. ADULTS

| | Projected Number | | | |
|---|---|---|---|---|
| | Monday | Tuesday | Wednesday | Thursday |
| Early morning (7-8 a.m.) | 101 | 76 | 101 | 76 |
| Mid-morning (8-10 a.m.) | 152 | 253 | 203 | 228 |
| Late morning (10-12 noon) | 431 | 405 | 405 | 405 |
| Lunch hour | 177 | 152 | 152 | 177 |
| Early afternoon (1-3 p.m.) | 355 | 304 | 329 | 405 |
| Late afternoon (3-5 p.m.) | 127 | 127 | 152 | 127 |
| Early evening (5-7 p.m.) | 811 | 836 | 735 | 810 |
| Evening (7-10 p.m.) | 1,698 | 1,824 | 1,799 | 1,850 |

| | Projected Number | | |
|---|---|---|---|
| | Friday | Saturday | Sunday |
| Early morning (7-8 a.m.) | 51 | 177 | 127 |
| Mid-morning (8-10 a.m.) | 177 | 279 | 127 |
| Late morning (10-12 noon) | 304 | 431 | 203 |
| Lunch hour | 152 | 127 | 76 |
| Early afternoon (1-3 p.m.) | 279 | 329 | 253 |
| Late afternoon (3-5 p.m.) | 51 | 152 | 127 |
| Early evening (5-7 p.m.) | 481 | 152 | 177 |
| Evening (7-10 p.m.) | 1,166 | 358 | 203 |

TABLE J-40
LOCATION OF CLASSES
DESIRED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Public school building | 1,976 |
| H.A.C.C. campus | 1,014 |
| AVTS | 507 |
| Place of employment | 481 |
| Meeting hall | 279 |
| Apartment complex | 152 |
| Other | 481 |

TABLE J-41
COURSE FORMAT PREFERRED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Semester-length courses | |
| 2½-hour classes once a week for 15 weeks | 1,748 |
| 1¼-hour classes 2 times a week for 15 weeks | 1,292 |
| 1-hour classes 3 times a week for 15 weeks | 507 |
| Concentrated courses | |
| 3-hour classes 5 times a week for 5 weeks | 1,115 |
| 5-hour classes 5 times a week for 3 weeks | 177 |
| Short courses | |
| 1-hour classes 3 times a week for 5 weeks | 1,216 |
| 1-hour classes once a week for 15 weeks | 1,039 |
| 1-hour classes 5 times a week for 3 weeks | 304 |

TABLE J-42
AMOUNT OF EDUCATION COMPLETED AND DESIRED BY DERRY TWP. ADULTS

| | Projected Number | |
|---|---|---|
| | Completed | Desired |
| Less than high school | 152 | 0 |
| High school graduate | 1,444 | 51 |
| Some college, but no degree | 203 | 51 |
| Commercial or technical school graduate | 634 | 358 |
| Two-year degree program graduate | 253 | 786 |
| Four-year degree program graduate | 862 | 481 |
| Post-baccalaureate degree | 228 | 405 |
| Other | 51 | 101 |
| (Blank) | 811 | 2,407 |

TABLE J-43
DESIRED OCCUPATION OF DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| **Agri-Business & Natural Resources** | |
| Farmers & Farm Managers | 76 |
| Land & Water Management | 25 |
| **Business & Office Occupations** | |
| Accountants | 76 |
| Secretary-Stenographer | 203 |
| Keypuncher | 25 |
| **Communications & Media** | |
| Newspaper/printing positions | 25 |
| Commercial Art | 25 |
| **Construction** | |
| Engineers | 76 |
| Interior Design, Decoration, Furnishing | 101 |
| **Services Related to Consumers & Homemakers** | |
| Food Product Development, Testing, Delivery | 51 |
| Teaching | 127 |
| Family and Community Services | 152 |
| **Health Occupations** | |
| Doctors, Dentists, Pharmacists, Psychologists | 127 |
| Nurse, R.N. | 51 |
| Nurse, L.P.N. | 51 |
| Other Health Service workers | 51 |
| **Hospitality and Recreation** | |
| Recreation Occupations | 25 |
| **Marketing and Distribution Occupations** | |
| Retail or Wholesale Business | 101 |
| Marketing Services | 25 |
| **Personal Services Occupations** | |
| Beauticians and Barbers | 51 |

TABLE J-43 (Cont.)
DESIRED OCCUPATION OF DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Transportation | |
| Auto & Truck Mechanics | 25 |
| Public Service & Related Occupations | |
| Federal, State & Local Agencies | 25 |
| Legal Services: Judges & Lawyers | 127 |
| Others | |
| Clergy & Ministerial Services | 76 |
| Scientist | 25 |
| Modeling | 25 |
| Electronics & Appliance Repair | 76 |
| Occupation Not Listed & Blanks | 2,813 |

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TABLE J-44

CHILD CARE SERVICES
DESIRED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Yes | 456 |
| No | 1,014 |
| N/A and Blank | 3,168 |

TABLE J-45
INTEREST IN TELEVISION COURSE
EXPRESSED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Very interested | 1,014 |
| Somewhat interested | 1,622 |
| Not interested and Blank | 2,001 |

TABLE J-46
INTEREST IN CONTRACT COURSE
EXPRESSED BY DERRY TWP. ADULTS

| | Projected Number |
|---|---|
| Very interested | 1,090 |
| Somewhat interested | 1,318 |
| Not interested and Blank | 2,229 |